

Pearce, Jennifer

From: Phillips, David
Sent: Wednesday, July 30, 2014 4:30 PM
To: Armor, Suzanne
Subject: FW: Oxford DMR - June 2014
Attachments: 9323 AL0058408 121 06-30-2014 ATTACHMENT E2 NA.pdf; 9323 AL0058408 121 06-30-2014 DMR E2 NA.pdf; 9323 AL0058408 121 06-30-2014 DMR E2 NA.pdf

Categories: Record Saved - Shared

Oxford DMR for June 2014 from ADEM

David
2-9773

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-----Original Message-----

From: Ramsey, S Scott [mailto:SRamsey@adem.state.al.us]
Sent: Wednesday, July 30, 2014 2:32 PM
To: Phillips, David
Subject: Emailing: 9323 AL0058408 121 06-30-2014 ATTACHMENT E2 NA, 9323 AL0058408 121 06-30-2014 DMR E2 NA, 9323 AL0058408 121 06-30-2014 DMR E2 NA

0mrs have not been uploaded to filent yet

Our message is ready to be sent with the following file or link attachments:

9323 AL0058408 121 06-30-2014 ATTACHMENT E2 NA
9323 AL0058408 121 06-30-2014 DMR E2 NA
9323 AL0058408 121 06-30-2014 DMR E2 NA

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

1

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
WATER DIVISION – INDUSTRIAL AND MUNICIPAL SECTIONS
NONCOMPLIANCE NOTIFICATION FORM

PERMITTEE NAME: Oxford Water Works & Sewer Board PERMIT NO: AL000058408
FACILITY LOCATION: Oxford Tull C. Allen WWTP, 2975 Silver Run Road, Oxford, AL 36203
DMR REPORTING PERIOD: June 2014 (monitoring period of 6/1/2014-6/30/2014)

1. DESCRIPTION OF DISCHARGE: (Include outfall number (s))

Outfall 001 - Discharge from wastewater treatment facility.

2. DESCRIPTION OF NON-COMPLIANCE: (Attach additional pages if necessary):

LIST EFFLUENT VIOLATIONS (If applicable)			
Outfall Number (s)	NONCOMPLIANCE PARAMETER(S)	Result Reported (Include units)	Permit Limit (Include units)
001	BOD Effluent Loading, Monthly Average	508 lbs/day	300 lbs/day
001	BOD Effluent Loading, Weekly Average	501 lbs/day	450 lbs/day
001	BOD Effluent Concentration, Monthly Average	14 mg/l	8 mg/l
001	BOD Effluent Concentration, Weekly Average	14 mg/l	12 mg/l
LIST MONITORING / REPORTING VIOLATIONS (If applicable)			
Outfall Number (s)	NONCOMPLIANCE PARAMETER(S)	Monitoring / Reporting Violation (Provide description)	

3. CAUSE OF NON-COMPLIANCE (Attach additional pages if necessary):

Industrial discharge cause increased BOD levels. Currently under unilateral order.

4. PERIOD OF NONCOMPLIANCE: (Include exact date(s) and time(s) or, if not corrected, the anticipated time the noncompliance is expected to continue):

June 2014.

5. DESCRIPTION OF STEPS TAKEN AND/OR BEING TAKEN TO REDUCE OR ELIMINATE THE NONCOMPLYING DISCHARGE AND TO PREVENT ITS RECURRENCE (attach additional pages if necessary):

Under Unilateral Order. Separating industrial discharge that causes increased BOD levels while the industry is shut down. Also working with consultants on process control changes which will take 3 months to determine optimal performance parameters.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Wayne Livingston, General Manager

NAME AND TITLE OF RESPONSIBLE OFFICIAL (type or print)

Wayne Livingston 07/24/14
SIGNATURE OF RESPONSIBLE OFFICIAL / DATE SIGNED

Alabama Department of Environmental Management Discharge Monitoring Report (DMR)

PERMITTEE NAME: Oxford Waterworks & Sewer Board

MAILING ADDRESS: PO BOX 3663 , Oxford, AL 36203

FACILITY: Oxford Tull C Allen Wwtp

LOCATION: 2975 Silver Run Road , Oxford, AL 36203

PERMIT NUMBER: AL0058408

MONITORING POINT: 0011

MONITORING PERIOD:			
YY MM DD		YY MM DD	
From:	14 06 01	To:	14 06 30

MAJOR

COUNTY: Talladega

PROGRAM: Municipal

*** NO DISCHARGE | ***

NOTE: Read instructions before completing this form.

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
OXYGEN, DISSOLVED (DO)	Sample Measurement	*****	*****	*****	8.69	*****	*****	19 mg/l	0	3X Weekly test	Grab
Parameter Code: 00300 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	*****	*****		6.0 minimum daily	*****	*****			3X Weekly test	Grab
PH	Sample Measurement	*****	*****	*****	6.8	*****	7.9	12 S.U.	0	3X Weekly test	Grab
Parameter Code: 00400 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	*****	*****		6.0 minimum daily	*****	9.0 maximum daily			3X Weekly test	Grab
SOLIDS, TOTAL SUSPENDED	Sample Measurement	5212	5199	26 lbs/day	*****	143	143	19 mg/l	0	3X Weekly test	24-Hr Composite
Parameter Code: 00530 Stage Code: G RAW SEW/INFLUENT	Permit Requirement	report monthly average	report weekly average		*****	report monthly average	report weekly average			3X Weekly test	24-Hr Composite
SOLIDS, TOTAL SUSPENDED	Sample Measurement	419	410	26 lbs/day	*****	12	11	19 mg/l	0	3X Weekly test	24-Hr Composite
Parameter Code: 00530 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	1125 monthly average	1688 weekly average		*****	30.0 monthly average	45.0 weekly average			3X Weekly test	24-Hr Composite
NITROGEN, AMMONIA TOTAL (AS N)	Sample Measurement	11	10	26 lbs/day	*****	0.31	0.29	19 mg/l	0	3X Weekly test	24-Hr Composite
Parameter Code: 00610 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	37.5 monthly average	56.2 weekly average		*****	1.0 monthly average	1.5 weekly average			3X Weekly test	24-Hr Composite
NITROGEN, KJELDAHL TOTAL (AS N)	Sample Measurement	96	96	26 lbs/day	*****	3	3	19 mg/l	0	Monthly	24-Hr Composite
Parameter Code: 00625 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	report monthly average	report weekly average		*****	report monthly average	report weekly average			Monthly	24-Hr Composite
NITRITE PLUS NITRATE TOTAL 1 DET. (AS N)	Sample Measurement	155	155	26 lbs/day	*****	4	4	19 mg/l	0	Monthly	24-Hr Composite
Parameter Code: 00630 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	report monthly average	report weekly average		*****	report monthly average	report weekly average			Monthly	24-Hr Composite

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE
Meredith Holzer		Signed By E2	256-831-5618	07/24/2014

PERMITTEE NAME: Oxford Waterworks & Sewer Board

MAILING ADDRESS: PO BOX 3663 , Oxford, AL 36203

FACILITY: Oxford Tull C Allen Wwtp

LOCATION: 2975 Silver Run Road , Oxford, AL 36203

PERMIT NUMBER: AL0058408

MONITORING POINT: 0011

MONITORING PERIOD:			
YY MM DD		YY MM DD	
From:	14 06 01	To:	14 06 30

MAJOR

Talladega

COUNTY:

PROGRAM: Municipal

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
PHOSPHORUS, TOTAL (AS P)	Sample Measurement	58	58	26 lbs/day	*****	2	2	19 mg/l	0	Monthly	24-Hr Composite
Parameter Code: 00665 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	report monthly average	report weekly average		*****	report monthly average	report weekly average			Monthly	24-Hr Composite
CADMIUM, TOTAL RECOVERABLE	Sample Measurement	*****	*****	*****	*****	*B	*B	28 ug/l	0	Monthly	Grab
Parameter Code: 01113 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	*****	*****		*****	4.8 monthly average	25.4 maximum daily			Monthly	Grab
LEAD, TOTAL RECOVERABLE	Sample Measurement	*****	*****	*****	*****	*B	*B	28 ug/l	0	Monthly	Grab
Parameter Code: 01114 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	*****	*****		*****	18.7 monthly average	377.3 maximum daily			Monthly	Grab
COLOR (ADMI UNITS)	Sample Measurement	*****	*****	*****	*****	*****	36	1E ADMI	0	3X Weekly test	Grab
Parameter Code: 01290 Stage Code: > INCREASE (NOT END OF PIPE)	Permit Requirement	*****	*****		*****	*****	80 maximum daily			3X Weekly test	Grab
FLOW, IN CONDUIT OR THRU TREATMENT PL	Sample Measurement	4.366	6.953	03 MGD	*****	*****	*****	*****	0	Daily	Continuous
Parameter Code: 50050 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	report monthly average	report maximum daily		*****	*****	*****			Daily	Continuous
CHLORINE, TOTAL RESIDUAL	Sample Measurement	*****	*****	*****	*****	0.02	0.03	19 mg/l	0	3X Weekly test	Grab
Parameter Code: 50060 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	*****	*****		*****	0.08 monthly average	0.14 maximum daily			3X Weekly test	Grab
E. COLI	Sample Measurement	*****	*****	*****	*****	30	206	13 col/100mL	0	3X Weekly test	Grab
Parameter Code: 51040 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	*****	*****		*****	126 monthly average	487 maximum daily			3X Weekly test	Grab

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE
Meredith Holzer		Signed By E2	256-831-5618	07/24/2014

Alabama Department of Environmental Management Discharge Monitoring Report (DMR)

PERMITTEE NAME: Oxford Waterworks & Sewer Board

MAILING ADDRESS: PO BOX 3663, Oxford, AL 36203

FACILITY: Oxford Tull C Allen Wwtp

LOCATION: 2975 Silver Run Road, Oxford, AL 36203

PERMIT NUMBER: AL0058408

MONITORING POINT: 0011

MONITORING PERIOD:

YY MM DD	YY MM DD
From: 14 06 01	To: 14 06 30

MAJOR

Talladega

COUNTY:

PROGRAM: Municipal

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
CYANIDE, TOTAL RECOVERABLE	Sample Measurement	*****	*****	*****	*****	*B	*B	28 ug/l	0	Monthly	Grab
Parameter Code: 78248 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	*****	*****		*****	38.8 monthly average	128.6 maximum daily			Monthly	Grab
BOD, CARBONACEOUS 05 DAY, 20C	Sample Measurement	3816	3808	26 lbs/day	*****	105	105	19 mg/l	0	3X Weekly test	24-Hr Composite
Parameter Code: 80082 Stage Code: G RAW SEW/INFLUENT	Permit Requirement	report monthly average	report weekly average		*****	report monthly average	report weekly average			3X Weekly test	24-Hr Composite
BOD, CARBONACEOUS 05 DAY, 20C	Sample Measurement	508	501	26 lbs/day	*****	14	14	19 mg/l	9	3X Weekly test	24-Hr Composite
Parameter Code: 80082 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	300 monthly average	450 weekly average		*****	8.0 monthly average	12.0 weekly average			3X Weekly test	24-Hr Composite
BOD, CARB-5 DAY, 20 DEG C, PERCENT REM	Sample Measurement	*****	*****	*****	87	*****	*****	23 %	0	Monthly	Calculated
Parameter Code: 80091 Stage Code: K PERCENTREMOVAL	Permit Requirement	*****	*****		85.0 monthly average	*****	*****			Monthly	Calculated
SOLIDS, SUSPENDED PERCENT REMOVAL	Sample Measurement	*****	*****	*****	92	*****	*****	23 %	0	Monthly	Calculated
Parameter Code: 81011 Stage Code: K PERCENTREMOVAL	Permit Requirement	*****	*****		85.0 monthly average	*****	*****			Monthly	Calculated
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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Meredith Holzer		Signed By E2	256-831-5618	07/24/2014



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PERMITTEE NAME: Oxford Waterworks & Sewer Board

PERMIT NUMBER: AL0058408

MAILING ADDRESS: PO BOX 3663 , Oxford, AL 36203

MONITORING POINT: 0011

FACILITY: Oxford Tull C Allen Wwtp

LOCATION: 2975 Silver Run Road , Oxford, AL 36203

MAJOR

Talladega

COUNTY: Municipal

*** NO DISCHARGE [] ***

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MONITORING PERIOD:	
YY MM DD	YY MM DD
From: 14 06 01	To: 14 06 30

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
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OXYGEN, DISSOLVED (DO)	Sample Measurement	*****	*****	*****	8.69	*****	*****	19 mg/l	0	3X Weekly test	Grab
Parameter Code: 00300 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	*****	*****		6.0 minimum daily	*****	*****			3X Weekly test	Grab
PH	Sample Measurement	*****	*****	*****	6.8	*****	7.9	12 S.U.	0	3X Weekly test	Grab
Parameter Code: 00400 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	*****	*****		6.0 minimum daily	*****	9.0 maximum daily			3X Weekly test	Grab
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Parameter Code: 00610 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	37.5 monthly average	56.2 weekly average		*****	1.0 monthly average	1.5 weekly average			3X Weekly test	24-Hr Composite
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Meredith Holzer		Signed By E2	256-831-5618	07/24/2014

Alabama Department of Environmental Management Discharge Monitoring Report (DMR)

PERMITTEE NAME: Oxford Waterworks & Sewer Board
MAILING ADDRESS: PO BOX 3663, Oxford, AL 36203

PERMIT NUMBER: AL0058408
MONITORING POINT: 0011

MAJOR
COUNTY: Talladega
PROGRAM: Municipal

FACILITY: Oxford Tull C Allen Wwtp

LOCATION: 2975 Silver Run Road, Oxford, AL 36203

MONITORING PERIOD:	
YY MM DD	YY MM DD
From: 14 06 01	To: 14 06 30

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CADMIUM, TOTAL RECOVERABLE	Sample Measurement	*****	*****	*****	*****	*B	*B	28 ug/l	0	Monthly	Grab
Parameter Code: 01113 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	*****	*****		*****	4.8 monthly average	25.4 maximum daily			Monthly	Grab
LEAD, TOTAL RECOVERABLE	Sample Measurement	*****	*****	*****	*****	*B	*B	28 ug/l	0	Monthly	Grab
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Parameter Code: 50060 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	*****	*****		*****	0.08 monthly average	0.14 maximum daily			3X Weekly test	Grab
E. COLI	Sample Measurement	*****	*****	*****	*****	30	206	13 col/100mL	0	3X Weekly test	Grab
Parameter Code: 51040 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	*****	*****		*****	126 monthly average	487 maximum daily			3X Weekly test	Grab

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Meredith Holzer		Signed By E2	256-831-5618	07/24/2014

Alabama Department of Environmental Management Discharge Monitoring Report (DMR)

PERMITTEE NAME: Oxford Waterworks & Sewer Board
MAILING ADDRESS: PO BOX 3663 , Oxford, AL 36203

PERMIT NUMBER: AL0058408
MONITORING POINT: 0011

MAJOR
COUNTY: Talladega
PROGRAM: Municipal

FACILITY: Oxford Tull C Allen Wwtp

LOCATION: 2975 Silver Run Road , Oxford, AL 36203

MONITORING PERIOD:	
YY MM DD	YY MM DD
From: 14 06 01	To: 14 06 30

*** NO DISCHARGE | ***

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Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
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Parameter Code: 78248 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	*****	*****		*****	38.8 monthly average	128.6 maximum daily			Monthly	Grab
BOD, CARBONACEOUS 05 DAY, 20C	Sample Measurement	3816	3808	26 lbs/day	*****	105	105	19 mg/l	0	3X Weekly test	24-Hr Composite
Parameter Code: 80082 Stage Code: G RAW SEW/INFLUENT	Permit Requirement	report monthly average	report weekly average		*****	report monthly average	report weekly average			3X Weekly test	24-Hr Composite
BOD, CARBONACEOUS 05 DAY, 20C	Sample Measurement	508	501	26 lbs/day	*****	14	14	19 mg/l	9	3X Weekly test	24-Hr Composite
Parameter Code: 80082 Stage Code: 1 EFFLUENT GROSS VALUE	Permit Requirement	300 monthly average	450 weekly average		*****	8.0 monthly average	12.0 weekly average			3X Weekly test	24-Hr Composite
BOD, CARB-5 DAY, 20 DEG C, PERCENT REM	Sample Measurement	*****	*****	*****	87	*****	*****	23 %	0	Monthly	Calculated
Parameter Code: 80091 Stage Code: K PERCENTREMOVAL	Permit Requirement	*****	*****		85.0 monthly average	*****	*****			Monthly	Calculated
SOLIDS, SUSPENDED PERCENT REMOVAL	Sample Measurement	*****	*****	*****	92	*****	*****	23 %	0	Monthly	Calculated
Parameter Code: 81011 Stage Code: K PERCENTREMOVAL	Permit Requirement	*****	*****		85.0 monthly average	*****	*****			Monthly	Calculated
	Sample Measurement										
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Meredith Holzer		Signed By E2	256-831-5618	07/24/2014

Pearce, Jennifer

From: Phillips, David
Sent: Tuesday, April 02, 2013 4:08 PM
To: Armor, Suzanne
Subject: FW: Oxford Permit

Categories: Record Saved - Shared

Fyi - No new permit yet for OWSB, so they are still operating under the 2007 permit.

From: Meredith Holzer [mailto:mholzer@oxfordwater.com]
Sent: Tuesday, April 02, 2013 3:03 PM
To: Phillips, David
Subject: Oxford Permit

David,

Max forwarded me your message inquiring about our permit.

We received a draft permit in December and it went out for public comment. Then ADEM wanted a change made to it in regards to our design flow. We met with them in January and came to an agreement. We resubmitted the forms necessary and ADEM told us that we are operating under the old permit until the new permit gets issued. I was asked a question about our form 2F in February, which I answered, and there was not a change needed. But I still haven't received a revised draft from ADEM.

I hope this answers your questions.

Meredith Holzer, P.E.
Oxford Water Works & Sewer Board
PO Box 3663
100 Barry Street
Oxford, AL 36203
56) 831-5618 - phone
56) 831-9063 - fax



From: Phillips, David
Sent: Tuesday, April 07, 2015 12:15 PM
To: Armor, Suzanne; Karl.Fingerhood@usdoj.gov
Subject: FW: Oxford Pretreatment Plan

Categories: Record Saved - Shared

Fyi – OWSB's calculated TSS limit is unchanged from the SID permit. Hopefully they share data basis and calculations for us to give some ground-truthing.

From: Ramsey, S Scott [mailto:SRamsey@adem.state.al.us]
Sent: Tuesday, April 07, 2015 11:55 AM
To: Phillips, David
Subject: Oxford Pretreatment Plan

David

We just got Oxford's new local limits. They have limited TSS to 600 mg/l. Once we get it scanned we will send it to you.

Scott Ramsey P.E.
Industrial Section, Chief
Industrial/Municipal Branch
Water Division
Alabama Department of Environmental Management
Post Office Box 301463
Montgomery, Alabama 36130
(34) 271-7838
adem.alabama.gov



mission: Assure for all citizens of the state a safe, healthful and productive environment

*Did you know you can submit your DMRs and SSOs online using our newly enhanced E2 DMR/SSO Reporting System?
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Pearce, Jennifer

From: Diaz, Denisse
Sent: Monday, August 12, 2013 7:56 PM
To: Phillips, David; Armor, Suzanne; Horsey, Maurice
Subject: Fw: Oxford WWTP comment letter
Attachments: Coosa_Riverkeeper_OxfordWWTP_2013Renewal.pdf; ATT00001.htm
Categories: Record Saved - Shared

From: Frank Chitwood
Sent: Monday, August 12, 2013 5:37:02 PM
To: rak@adem.state.al.us
Cc: Lance R LeFleur; Glenda Dean; Giattina, James; Diaz, Denisse
Subject: Oxford WWTP comment letter

Dear Mr Kelly,

Please find attached Coosa Riverkeeper's comments on the proposed issuance of Oxford WWTP NPDES Permit AL0058408. Thank you for reading and responding to these comments.

~~~~~  
Frank Chitwood  
Coosa Riverkeeper, Inc. ®  
Office: 205.981.6565

[www.coosariver.org](http://www.coosariver.org)  
[Facebook](#) | [Twitter](#)

[Waterkeeper Alliance](#) Member







Frank Chitwood, *Riverkeeper*  
Coosa Riverkeeper, Inc.  
13521 Old Hwy 280, Suite 133  
Birmingham, Alabama 35242  
riverkeeper@coosariver.org

August 9, 2013

RE: OXFORD WWTP

Russell A. Kelly, *Chief of Permits & Services Division*  
Alabama Department of Environmental Management  
P.O. Box 301463  
Montgomery, Alabama 36130  
[ra.k@adem.state.al.us](mailto:ra.k@adem.state.al.us)

Dear Mr. Kelly,

This comment to the Alabama Department of Environmental Management (the "Department") is submitted on behalf of Coosa Riverkeeper, Inc. with regards to the re-issuance of NPDES Permit Number AL0058408: Oxford Waterworks & Sewer Board's (the "Operators") Tull C. Allen wastewater treatment plant ("Oxford WWTP"). Coosa Riverkeeper is a 501(c)(3) grassroots organization of citizens working to ensure the protection of the Coosa River and her tributaries for the public.

**Board of Directors**  
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Michael Strickland,  
*Vice President*  
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*Treasurer*  
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Chris & Leah Harrigan  
Gina Locklear  
Dan Murchison  
Josh Tidwell  
Brad & Jason Wilson  
Beth Maynor Young

**Staff**  
Frank Chitwood,  
*Riverkeeper*  
Justin Overton,  
*Executive Director*

## LEAD AND CADMIUM MONITORING

We are thankful to see that the Department has added lead and cadmium, as well as cyanide, back into the Draft Permit after previous iterations had removed those requirements without justification in the Permit Rationale. We appreciate the Department understanding the technical data presented in our November 6, 2012 comment letter which argued that lead and cadmium monitoring should continue. We hereby acknowledge that the re-addition of lead and cadmium monitoring to the draft permit is the Department's response to our comments and agreement with the arguments presented therein in lieu of a response letter from the Department indicating your position on our comments.

## COMPLIANCE DEFICIENCIES

This facility has a long history of noncompliance which continues to this day and is evidenced by the existing Administrative Order 12-093-CWP and recently issued Unilateral Order 13-118-WP. The Operators failed to submit their application for this permit by the deadline on June 4, 2012. The Operators were also negligent to accept waste from Aerospace Coatings International prior to approval and permitting (a violation of Permit Condition II.G.1). The Operators failed to notify the Department of the acceptance of ACI's wastewater, including failure to report the discharger in the permit applications for Permits

issued in 2002, 2007 and in the application for this permit, which was filed over a month past its deadline on July 18, 2012.

Despite a long history of violations, the Department took no action against the Operators until after the full extent of illegal pollution was publicized by Coosa Riverkeeper via the Anniston Star. The Department should be motivated to protect our streams using enforcement without needing to be first lambasted in public. The recent Unilateral Order is encouraging in that it suggests the Department is moving towards diligent prosecution of the Operators and may be improving enforcement efforts at this facility going forward.

## **KRONOSPAN**

It must be noted that Kronospan operated for three years without a valid SID permit, a fact which was certainly uncovered by the Department during its investigations in 2011 which lead to Administrative Order 12-093-CWP. Kronospan's draft SID permit was issued on October 22, 2009 and not finalized until June 29, 2012, three months after the Administrative Order was finalized (which itself came nearly nine months after its draft, despite there being no modifications). The Department never acted on this permitting issue in 2011 when investigating and issuing the Administrative Order, which it could have done by either finalizing the draft SID permit or taking enforcement action.

We are disappointed, as I imagine the Department is, that the Operators continue to blame issues at the plant on Kronospan instead of taking responsibility for problems at the facility. In the eyes of the law, the Operators are liable for all effluent violations regardless of the source of the influent which allegedly causes said violations. The Operators have not only the right but also the responsibility to deny waste from any particular user which causes them to violate any effluent limitation parameters of their NPDES permit which was designed by the Department to protect the stream and others who have the right to use it, including the general public.

In fact, the Operators neglected their duties under their NPDES permit with regards to the Kronospan issue. Permit Condition II.G.3 clearly states that "The Permittee shall report to the Department any adverse impact caused or believed to be caused by an indirect discharger on the treatment process, quality of discharged water, or quality of sludge. Such report shall be submitted within seven days of the Permittee becoming aware of the adverse impacts." The Operators failed to submit the required report to the Department within the required seven days when Kronospan's discharge affected the treatment process and quality of discharged water.

Despite being in operation for years, Kronospan began pretreatment on their waste stream only very recently. Given the frequent cries by the Operators over the years that Kronospan was the only reason for their difficulties, we are a bit surprised that neither the Department nor the Operators ever took any legitimate actions to stop Kronospan's offending waste stream. Kronospan is not the Operator's problem; it is their scapegoat. The Operators should have taken a lesson from the J. Earl Ham WWTP in Sylacauga who refused the waste of REEF, LLC because REEF's waste led to compliance issues.

In fact, the Operators violated Permit Condition II.D.1.d by failing to "take all reasonable steps, including cessation of production or other activities, to minimize or



prevent any violation of this permit or to minimize or prevent any adverse impact of any permit violation." Refusing waste from Kronospan would be considered a reasonable step to prevent effluent violations if the Operators believed beyond a shadow of a doubt that Kronospan was causing treatment problems, which they have indeed repeatedly alleged. Yet, the Operators did not take this reasonable step which is grounds for the Department to terminate the Permit under Permit Condition II.E.5.a.

## CONCLUSION

Given the deficiencies with the Operators' inability to properly operate Oxford WWTP and take reasonable steps as required by their Permit, we find it impossible to support the issuance of this permit to this Operator for this facility. We are skeptical that the Operators have the ability to bring this facility into compliance before and remain in compliance after their Administrative Order compliance deadline of March 21, 2014.

Finally, for any changes in effluent limitations made in a Draft Permit that differ from the previous Final Permit during re-issuance we expect the Department to justify such changes in the Permit Rationale portion of the Draft Permit, which was not the case with the Draft Permit which we submitted comments to you on November 6, 2012.

Thank you for reading and responding to this comment letter.

For the Coosa,



Frank Chitwood  
Riverkeeper

cc via e-mail: Lance LeFleur, Director of ADEM  
Glenda Dean, Chief of the Water Division, ADEM  
James Giattina, Director of Water Protection Division, EPA Region 4  
Denisse Diaz, Chief of Clean Water Enforcement Branch, Water Protection  
Division, EPA Region 4



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13521 Old Hwy 280, Suite 133  
Birmingham, Alabama 35242  
(205) 981-6565





**Pearce, Jennifer**

---

**From:** Ramsey, S Scott <SRamsey@adem.state.al.us>  
**Sent:** Friday, September 04, 2015 1:48 PM  
**To:** Espy, Schuyler K; Phillips, David; Lutz, Daphne Y; Armor, Suzanne  
**Subject:** FW:

**Categories:** Record Saved - Shared

It appears from ICIS that the last PAI conducted at Oxford occurred in 1998. I doubt that we have the records from that audit since it was conducted 17 years ago.

Scott Ramsey P.E.  
Industrial Section, Chief  
Industrial/Municipal Branch  
Water Division  
Alabama Department of Environmental Management  
Post Office Box 301463  
Montgomery, Alabama 36130  
(334) 271-7838  
adem.alabama.gov



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**From:** Monk, Christy  
**Sent:** Friday, September 04, 2015 11:07 AM  
**To:** Ramsey, S Scott  
**Subject:**

## Compliance Monitoring List

Show entries 200 ▼

Filter:

Showing 1 to 40 of 40 entries

| Compliance<br>Monitoring ID /<br>Activity ID | Activity<br>Name                                                                   | Programmatic ID /<br>Facility Site Name           | Activity Type         | Compliance<br>Monitoring Type | Acti<br>End |
|----------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------|-------------------------------|-------------|
| 04000F598105<br>1600244977                   | OXFORD<br>TULL C<br>ALLEN<br>WWTP<br>(Permit<br>AL0058408)<br>Performance<br>Audit | » NPDES AL0058408<br>OXFORD TULL C.<br>ALLEN WWTP | Inspection/Evaluation | Audit                         | 10/18.      |
| AL000N596774<br>1600244972                   | OXFORD<br>TULL C<br>ALLEN<br>WWTP<br>(Permit<br>AL0058408)<br>Performance<br>Audit | » NPDES AL0058408<br>OXFORD TULL C.<br>ALLEN WWTP | Inspection/Evaluation | Audit                         | 05/28.      |
| AL000N637838<br>1600244983                   | OXFORD<br>TULL C<br>ALLEN<br>WWTP<br>(Permit<br>AL0058408)<br>Performance<br>Audit | » NPDES AL0058408<br>OXFORD TULL C.<br>ALLEN WWTP | Inspection/Evaluation | Audit                         | 09/16       |
| AL000N641042<br>1600244975                   | OXFORD<br>TULL C<br>ALLEN<br>WWTP<br>(Permit<br>AL0058408)<br>Performance<br>Audit | » NPDES AL0058408<br>OXFORD TULL C.<br>ALLEN WWTP | Inspection/Evaluation | Audit                         | 05/         |
| AL000NE47818<br>3600072018                   |                                                                                    | » NPDES AL0058408<br>OXFORD TULL C.<br>ALLEN WWTP | Inspection/Evaluation | Audit                         | 12          |

Christy Monk, Chief  
Office of Water Services  
Water Division  
Alabama Department of Environmental Management  
PO Box 301463  
Montgomery, AL 36130-1463  
(334) 394-4364  
[adem.alabama.gov](http://adem.alabama.gov)



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**From:** Armor, Suzanne  
**Sent:** Wednesday, April 09, 2014 2:30 PM  
**To:** Phillips, David  
**Subject:** OWSB permit  
**Attachments:** Oxford Final Permit.pdf

Effective 9/1/13. I put it on T, but here it is for your use/review.



SUZANNE K. ARMOR | ASSOCIATE REGIONAL COUNSEL

United States Environmental Protection Agency

Office of Environmental Accountability

Office of Water Legal Support

61 Forsyth Street, S.W.

Atlanta, Georgia 30303

tel: 404.562.9701

fax: 404.562.8078

armor.suzanne@epa.gov

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1400 Coliseum Blvd, 36110-2400 ■ Post Office Box 301463  
Montgomery, Alabama 36130-1463  
(334) 271-7700 ■ FAX (334) 271-7950

AUG 28 2013

Wayne Livingston  
General Manager  
Oxford Waterworks & Sewer Board  
PO BOX 3663  
Oxford, AL 36203

RE: Final Permit  
NPDES Permit No. AL0058408  
Oxford Tull C. Allen WWTP  
Talladega County, Alabama

Dear Mr. Livingston:

Attached is the issued copy of the above referenced permit. Please note the permit limitations and conditions with which the permittee must comply.

Future monitoring data should be submitted in accordance with the conditions of your permit. Please see PART I.C for your reporting requirements. To reduce the paperwork burden for both the Department and the Permittee, when submitting the required Discharge Monitoring Reports (DMRs), please **do not submit** lab worksheets, logs, reports or other paperwork not specifically required by the permit unless requested by ADEM staff.

Our records indicate that you are currently utilizing the Department's web-based electronic environmental (E2) reporting system for submittal of DMRs. Your E2 DMRs should automatically update to correspond with the attached permit upon the effective date of the permit.

If you have questions regarding this permit or monitoring requirements, please contact Sandra Lee at (334) 274-4223.

Sincerely,

A handwritten signature in cursive script that reads "Emily D. Anderson".

Emily Anderson, Chief  
Municipal Section  
Water Division

Enclosure: Final Permit

cc: Mr. Mark Nuhfer/Environmental Protection Agency  
Ms. Elaine Snyder/U.S. Fish and Wildlife Services  
Mr. Marion Bertolotti/ADEM  
Mr. Mike McCary/Permits & Services

Birmingham Branch  
Vulcan Road  
Birmingham, AL 35209-4702  
(205) 942-6168  
(205) 941-1603 (FAX)

Decatur Branch  
2715 Sandlin Road, S. W.  
Decatur, AL 35603-1333  
(256) 353-1713  
(256) 340-9359 (FAX)



Mobile Branch  
2204 Perimeter Road  
Mobile, AL 36615-1131  
(251) 450-3400  
(251) 479-2593 (FAX)

Mobile-Coastal  
4171 Commanders Drive  
Mobile, AL 36615-1421  
(251) 432-6533  
(251) 432-6598 (FAX)

LANCE R. LEFLEUR  
DIRECTOR



ROBERT J. BENTLEY  
GOVERNOR

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Montgomery, Alabama 36130-1463  
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AUG 28 2013

Frank Chitwood  
Riverkeeper and Executive Director  
Coosa Riverkeeper, Inc.  
13251 Old Highway 280, Suite 133  
Birmingham, AL 35242

Mike Riley  
President  
Logan Martin Lake Protection Association  
P O Box 2002  
Pell City, AL 35125

Re: Response to Comments on Draft Permit  
Oxford Tull C. Allen WWTP  
NPDES Permit No. AL 0058408

Dear Mr. Chitwood and Mr. Riley:

The Department has received the Coosa Riverkeeper's August 9, 2013 letter and the August 16, 2013 Logan Martin Lake Protection Association (LMLPA) letter regarding the above referenced revised draft permit. The Coosa Riverkeeper's letter supported the addition of lead and cadmium monitoring in the revised draft permit and detailed compliance deficiencies at the facility. The Coosa Riverkeeper indicated that it is impossible to support issuance of this permit. LMLPA's letter supported the Coosa Riverkeeper's comments and stated that it is their understanding that the treatment plant had released untreated waste from Kronospan into Choccolocco Creek. Please note that the Department's records and inspections indicate that this wastewater is treated.

As noted in the Coosa Riverkeeper's comments, the Department has taken enforcement action against the Oxford Water Works and Sewer Board. In addition, the permit has been drafted such that the established permit limitations and requirements are protective of water quality standards.

The Department will continue to monitor the compliance of the facility and take appropriate action.

Thank you for your careful review of the revised draft permit. No changes were necessary as a result of the comments received. A copy of the final permit can be located in the Department's eFile system. If you have any additional questions or comments, please do not hesitate to contact Sandra Lee at (334) 274-4223.

Sincerely,

A handwritten signature in black ink that reads "Emily D. Anderson". The signature is written in a cursive, flowing style.

Emily Anderson, Chief  
Municipal Section  
Water Division

Birmingham Branch  
110 Vulcan Road  
Birmingham, AL 35209-4702  
(205) 942-6168  
(205) 941-1603 (FAX)

Decatur Branch  
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Mobile Branch  
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(251) 479-2593 (FAX)

Mobile-Coastal  
4171 Commanders  
Mobile, AL 36615-1131  
(251) 432-6533  
(251) 432-6598 (FAX)

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PERMITTEE: OXFORD WATERWORKS & SEWER BOARD  
PO BOX 3663  
OXFORD, ALABAMA 36203

FACILITY LOCATION: OXFORD TULL C. ALLEN WWTP (4.50) MGD  
2975 SILVER RUN ROAD  
OXFORD, ALABAMA  
TALLADEGA COUNTY

PERMIT NUMBER: AL0058408

RECEIVING WATERS: CHOCCOLOCCO CREEK

*In accordance with and subject to the provisions of the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1378 (the "FWPCA"), the Alabama Water Pollution Control Act, as amended, Code of Alabama 1975, §§ 22-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the Permittee is hereby authorized to discharge into the above-named receiving waters.*

ISSUANCE DATE: AUGUST 28, 2013

EFFECTIVE DATE: SEPTEMBER 1, 2013

EXPIRATION DATE: AUGUST 31, 2018

*Deanna L. Dean*

Alabama Department of Environmental Management



**MUNICIPAL SECTION**  
**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)**  
**PERMIT**

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**PART I****DISCHARGE LIMITATIONS, CONDITIONS, AND REQUIREMENTS****A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS****1. Outfall 0011 Discharge Limits**

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from Outfall 0011, which is described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

| <u>Parameter</u>                                        | <u>Discharge Limitations*</u> |                       |                        |                       |                      |                      |                        | <u>Monitoring Requirements**</u> |                        |                                  |                     |
|---------------------------------------------------------|-------------------------------|-----------------------|------------------------|-----------------------|----------------------|----------------------|------------------------|----------------------------------|------------------------|----------------------------------|---------------------|
|                                                         | <u>Monthly Average</u>        | <u>Weekly Average</u> | <u>Monthly Average</u> | <u>Weekly Average</u> | <u>Daily Minimum</u> | <u>Daily Maximum</u> | <u>Percent Removal</u> | <u>(1) Sample Location</u>       | <u>(2) Sample Type</u> | <u>(3) Measurement Frequency</u> | <u>(4) Seasonal</u> |
| Oxygen, Dissolved (DO)<br>00300 1 0 0                   | *****                         | *****                 | *****                  | *****                 | 6.0<br>mg/l          | *****                | *****                  | E                                | GRAB                   | C                                | *****               |
| pH<br>00400 1 0 0                                       | *****                         | *****                 | *****                  | *****                 | 6.0<br>S.U.          | 9.0<br>S.U.          | *****                  | E                                | GRAB                   | C                                | *****               |
| Solids, Total Suspended<br>00530 1 0 0                  | 1125<br>lbs/day               | 1688<br>lbs/day       | 30.0<br>mg/l           | 45.0<br>mg/l          | *****                | *****                | *****                  | E                                | COMP24                 | C                                | *****               |
| Solids, Total Suspended<br>00530 G 0 0                  | REPORT<br>lbs/day             | REPORT<br>lbs/day     | REPORT<br>mg/l         | REPORT<br>mg/l        | *****                | *****                | *****                  | I                                | COMP24                 | C                                | *****               |
| Nitrogen, Ammonia Total (As N)<br>00610 1 0 0           | 37.5<br>lbs/day               | 56.2<br>lbs/day       | 1.0<br>mg/l            | 1.5<br>mg/l           | *****                | *****                | *****                  | E                                | COMP24                 | C                                | S                   |
| Nitrogen, Ammonia Total (As N)<br>00610 1 0 0           | 750<br>lbs/day                | 1125<br>lbs/day       | 20.0<br>mg/l           | 30.0<br>mg/l          | *****                | *****                | *****                  | E                                | COMP24                 | C                                | W                   |
| Nitrogen, Kjeldahl Total (As N)<br>00625 1 0 0          | REPORT<br>lbs/day             | REPORT<br>lbs/day     | REPORT<br>mg/l         | REPORT<br>mg/l        | *****                | *****                | *****                  | E                                | COMP24                 | G                                | *****               |
| Nitrite Plus Nitrate Total I Det. (As N)<br>00630 1 0 0 | REPORT<br>lbs/day             | REPORT<br>lbs/day     | REPORT<br>mg/l         | REPORT<br>mg/l        | *****                | *****                | *****                  | E                                | COMP24                 | G                                | *****               |
| Phosphorus, Total (As P)<br>00665 1 0 0                 | REPORT<br>lbs/day             | REPORT<br>lbs/day     | REPORT<br>mg/l         | REPORT<br>mg/l        | *****                | *****                | *****                  | E                                | COMP24                 | G                                | *****               |
| Cadmium, Total Recoverable<br>01113 1 0 0               | *****                         | *****                 | 4.8<br>ug/l            | *****                 | *****                | 25.4<br>ug/l         | *****                  | E                                | GRAB                   | G                                | *****               |

\* See Part II.C.1. (Bypass); Part II.C.2. (Upset)

\*\* Monitoring Requirements

(1) Sample Location

I - Influent

E - Effluent

X - End Chlorine Contact Chamber

K - Percent Removal of the Monthly Avg. Influent Concentration from the Monthly Avg. Effluent Concentration.

RS - Receiving Stream

(2) Sample Type:

CONTIN - Continuous

INSTAN - Instantaneous

COMP-8 - 8-Hour Composite

COMP24 - 24-Hour Composite

GRAB - Grab

CALCTD - Calculated

(3) Measurement Frequency: See also Part I.B.2.

A - 7 days per week

B - 5 days per week

C - 3 days per week

D - 2 days per week

E - 1 day per week

F - 2 days per month

G - 1 day per month

H - 1 day per quarter

J - Annual

Q - For Effluent Toxicity

Testing, see Provision IV.B.

(4) Seasonal Limits:

S = Summer (May - November)

W = Winter (December - April)

ECS = E. coli Summer (June - September)

ECW = E. coli Winter (October - May)

## 2. Outfall 0011 Discharge Limits (continued)

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from Outfall 0011, which is described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

| Parameter                                               | Discharge Limitations* |                   |                  |                |               |                   |                 | Monitoring Requirements** |                 |                           |              |
|---------------------------------------------------------|------------------------|-------------------|------------------|----------------|---------------|-------------------|-----------------|---------------------------|-----------------|---------------------------|--------------|
|                                                         | Monthly Average        | Weekly Average    | Monthly Average  | Weekly Average | Daily Minimum | Daily Maximum     | Percent Removal | (1) Sample Location       | (2) Sample Type | (3) Measurement Frequency | (4) Seasonal |
| Lead, Total Recoverable<br>01114 I 0 0                  | *****                  | *****             | 18.7<br>ug/l     | *****          | *****         | 377.3<br>ug/l     | *****           | E                         | GRAB            | G                         | *****        |
| Color (ADMI Units)<br>01290 > 0 0                       | *****                  | *****             | *****            | *****          | *****         | 80<br>ADMI        | *****           |                           | GRAB            | C                         | *****        |
| Flow, In Conduit or Thru Treatment Plant<br>50050 I 0 0 | REPORT<br>MGD          | *****             | *****            | *****          | *****         | REPORT<br>MGD     | *****           | E                         | CONTIN          | A                         | *****        |
| Chlorine, Total Residual See note (5)<br>50060 I 0 0    | *****                  | *****             | 0.08<br>mg/l     | *****          | *****         | 0.14<br>mg/l      | *****           | E                         | GRAB            | C                         | *****        |
| E. Coli<br>51040 I 0 0                                  | *****                  | *****             | 126<br>col/100mL | *****          | *****         | 487<br>col/100mL  | *****           | E                         | GRAB            | C                         | ECS          |
| E. Coli<br>51040 I 0 0                                  | *****                  | *****             | 548<br>col/100mL | *****          | *****         | 2507<br>col/100mL | *****           | E                         | GRAB            | C                         | ECW          |
| Cyanide, Total Recoverable<br>78248 I 0 0               | *****                  | *****             | 38.8<br>ug/l     | *****          | *****         | 128.6<br>ug/l     | *****           | E                         | GRAB            | G                         | *****        |
| BOD, Carbonaceous 05 Day, 20C<br>80082 I 0 0            | 300<br>lbs/day         | 450<br>lbs/day    | 8.0<br>mg/l      | 12.0<br>mg/l   | *****         | *****             | *****           | E                         | COMP24          | C                         | S            |
| BOD, Carbonaceous 05 Day, 20C<br>80082 I 0 0            | 938<br>lbs/day         | 1407<br>lbs/day   | 25.0<br>mg/l     | 37.5<br>mg/l   | *****         | *****             | *****           | E                         | COMP24          | C                         | W            |
| BOD, Carbonaceous 05 Day, 20C<br>80082 G 0 0            | REPORT<br>lbs/day      | REPORT<br>lbs/day | REPORT<br>mg/l   | REPORT<br>mg/l | *****         | *****             | *****           | I                         | COMP24          | C                         | *****        |
| BOD, Carb-5 Day, 20 Deg C, Percent Remvl<br>80091 K 0 0 | *****                  | *****             | *****            | *****          | *****         | *****             | 85.0%           | K                         | CALCTD          | G                         | *****        |
| Solids, Suspended Percent Removal<br>81011 K 0 0        | *****                  | *****             | *****            | *****          | *****         | *****             | 85.0%           | K                         | CALCTD          | G                         | *****        |

\* See Part II.C.1. (Bypass); Part II.C.2. (Upset)

\*\* Monitoring Requirements

## (1) Sample Location

I - Influent

E - Effluent

X - End Chlorine Contact Chamber

K - Percent Removal of the Monthly Avg. Influent Concentration from the Monthly Avg. Effluent Concentration.

RS - Receiving Stream

## (2) Sample Type:

CONTIN - Continuous

INSTAN - Instantaneous

COMP-8 - 8-Hour Composite

COMP24 - 24-Hour Composite

GRAB - Grab

CALCTD - Calculated

## (3) Measurement Frequency: See also Part I.B.2.

A - 7 days per week

B - 5 days per week

C - 3 days per week

D - 2 days per week

E - 1 day per week

F - 2 days per month

G - 1 day per month

H - 1 day per quarter

J - Annual

Q - For Effluent Toxicity

Testing, see Provision IV.B.

## (4) Seasonal Limits:

S = Summer (May - November)

W = Winter (December - April)

ECS = E. coli Summer (June - September)

ECW = E. coli Winter (October - May)

(5) See Part IV.C. for Total Residual Chlorine (TRC). Monitoring for TRC is applicable if chlorine is utilized for disinfection purposes. If monitoring is not applicable during the monitoring period, enter "NODI=9" on the monthly DMR.



3. Outfall 001S Discharge Limits - Stormwater runoff

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from Outfall 001S, which is described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

| Parameter                                               | Discharge Limitations* |                |                 |                |                |                |                 | Monitoring Requirements** |                 |                           |              |
|---------------------------------------------------------|------------------------|----------------|-----------------|----------------|----------------|----------------|-----------------|---------------------------|-----------------|---------------------------|--------------|
|                                                         | Monthly Average        | Weekly Average | Monthly Average | Weekly Average | Daily Minimum  | Daily Maximum  | Percent Removal | (1) Sample Location       | (2) Sample Type | (3) Measurement Frequency | (4) Seasonal |
| Oxygen, Dissolved (DO)<br>00300 1 0 0                   | *****                  | *****          | *****           | *****          | REPORT<br>mg/l | *****          | *****           | E                         | GRAB            | J                         | *****        |
| pH<br>00400 1 0 0                                       | *****                  | *****          | *****           | *****          | REPORT<br>S.U. | REPORT<br>S.U. | *****           | E                         | GRAB            | J                         | *****        |
| Solids, Total Suspended<br>00530 1 0 0                  | *****                  | *****          | *****           | *****          | *****          | REPORT<br>mg/l | *****           | E                         | GRAB            | J                         | *****        |
| Oil & Grease<br>00556 1 0 0                             | *****                  | *****          | *****           | *****          | *****          | 15<br>mg/l     | *****           | E                         | GRAB            | J                         | *****        |
| Nitrogen, Ammonia Total (As N)<br>00610 1 0 0           | *****                  | *****          | *****           | *****          | *****          | REPORT<br>mg/l | *****           | E                         | GRAB            | J                         | *****        |
| Nitrogen, Kjeldahl Total (As N)<br>00625 1 0 0          | *****                  | *****          | *****           | *****          | *****          | REPORT<br>mg/l | *****           | E                         | GRAB            | J                         | *****        |
| Nitrite Plus Nitrate Total 1 Det. (As N)<br>00630 1 0 0 | *****                  | *****          | *****           | *****          | *****          | REPORT<br>mg/l | *****           | E                         | GRAB            | J                         | *****        |
| Phosphorus, Total (As P)<br>00665 1 0 0                 | *****                  | *****          | *****           | *****          | *****          | REPORT<br>mg/l | *****           | E                         | GRAB            | J                         | *****        |
| Flow, In Conduit or Thru Treatment Plant<br>50050 1 0 0 | *****                  | *****          | *****           | *****          | *****          | REPORT<br>MGD  | *****           | E                         | GRAB            | J                         | *****        |
| Chlorine, Total Residual See note (5)<br>50060 1 0 0    | *****                  | *****          | *****           | *****          | *****          | REPORT<br>mg/l | *****           | E                         | GRAB            | J                         | *****        |

\* See Part II.C.1. (Bypass); Part II.C.2. (Upset)

\*\* Monitoring Requirements

(1) Sample Location

I - Influent

E - Effluent

X - End Chlorine Contact Chamber

K - Percent Removal of the Monthly Avg. Influent Concentration from the Monthly Avg. Effluent Concentration.

RS - Receiving Stream

(2) Sample Type:

CONTIN - Continuous

INSTAN - Instantaneous

COMP-8 - 8-Hour Composite

COMP24 - 24-Hour Composite

GRAB - Grab

CALCTD - Calculated

(3) Measurement Frequency: See also Part I.B.2.

A - 7 days per week

B - 5 days per week

C - 3 days per week

D - 2 days per week

E - 1 day per week

F - 2 days per month

G - 1 day per month

H - 1 day per quarter

J - Annual

Q - For Effluent Toxicity

Testing, see Provision IV.B.

(4) Seasonal Limits:

S = Summer (May - November)

W = Winter (December - April)

ECS = *E. coli* Summer (June - September)

ECW = *E. coli* Winter (October - May)

(5) See Part IV.C. for Total Residual Chlorine (TRC). Monitoring for TRC is applicable if chlorine is utilized for disinfection purposes. If monitoring is not applicable during the monitoring period, enter "NODI=9" on the monthly DMR.

## 4. Outfall 001S Discharge Limits - Stormwater runoff (continued)

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from Outfall 001S, which is described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

| Parameter                                    | Discharge Limitations* |                |                 |                |               |                     |                 | Monitoring Requirements** |                 |                           |              |
|----------------------------------------------|------------------------|----------------|-----------------|----------------|---------------|---------------------|-----------------|---------------------------|-----------------|---------------------------|--------------|
|                                              | Monthly Average        | Weekly Average | Monthly Average | Weekly Average | Daily Minimum | Daily Maximum       | Percent Removal | (1) Sample Location       | (2) Sample Type | (3) Measurement Frequency | (4) Seasonal |
| E. Coli<br>51040 1 0 0                       | *****                  | *****          | *****           | *****          | *****         | REPORT<br>col/100mL | *****           | E                         | GRAB            | J                         | *****        |
| BOD, Carbonaceous 05 Day, 20C<br>80082 1 0 0 | *****                  | *****          | *****           | *****          | *****         | REPORT<br>mg/l      | *****           | E                         | GRAB            | J                         | *****        |

\* See Part II.C.1. (Bypass); Part II.C.2. (Upset)

\*\* Monitoring Requirements

(1) Sample Location

I - Influent

E - Effluent

X - End Chlorine Contact Chamber

K - Percent Removal of the Monthly Avg. Influent Concentration from the Monthly Avg. Effluent Concentration.

RS - Receiving Stream

(2) Sample Type:

CONTIN - Continuous

INSTAN - Instantaneous

COMP-8 - 8-Hour Composite

COMP24 - 24-Hour Composite

GRAB - Grab

CALCTD - Calculated

(3) Measurement Frequency: See also Part I.B.2.

A - 7 days per week

B - 5 days per week

C - 3 days per week

D - 2 days per week

E - 1 day per week

F - 2 days per month

G - 1 day per month

H - 1 day per quarter

J - Annual

Q - For Effluent Toxicity

Testing, see Provision IV.B.

(4) Seasonal Limits:

S = Summer (May - November)

W = Winter (December - April)

ECS = E. coli Summer (June - September)

ECW = E. coli Winter (October - May)

## 5. Outfall 001T Discharge Limits

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from Outfall 001T, which is described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

| Parameter                                     | Discharge Limitations* |                      |                 |                |               |               |                 | Monitoring Requirements** |                 |                           |              |
|-----------------------------------------------|------------------------|----------------------|-----------------|----------------|---------------|---------------|-----------------|---------------------------|-----------------|---------------------------|--------------|
|                                               | Monthly Average        | Weekly Average       | Monthly Average | Weekly Average | Daily Minimum | Daily Maximum | Percent Removal | (1) Sample Location       | (2) Sample Type | (3) Measurement Frequency | (4) Seasonal |
| Toxicity, Ceriodaphnia Chronic<br>61426 1 0 0 | *****                  | Pass = 0<br>Fail = 1 | *****           | *****          | *****         | *****         | *****           | E                         | COMP24          | Q                         | S            |
| Toxicity, Pimephales Chronic<br>61428 1 0 0   | *****                  | Pass = 0<br>Fail = 1 | *****           | *****          | *****         | *****         | *****           | E                         | COMP24          | Q                         | S            |

\* See Part II.C.1. (Bypass); Part II.C.2. (Upset)

\*\* Monitoring Requirements

## (1) Sample Location

I - Influent

E - Effluent

X - End Chlorine Contact Chamber

K - Percent Removal of the Monthly Avg. Influent Concentration from the Monthly Avg. Effluent Concentration.

RS - Receiving Stream

## (2) Sample Type:

CONTIN - Continuous

INSTAN - Instantaneous

COMP-8 - 8-Hour Composite

COMP24 - 24-Hour Composite

GRAB - Grab

CALCTD - Calculated

## (3) Measurement Frequency: See also Part I.B.2.

A - 7 days per week

B - 5 days per week

C - 3 days per week

D - 2 days per week

E - 1 day per week

F - 2 days per month

G - 1 day per month

H - 1 day per quarter

J - Annual

Q - For Effluent Toxicity

Testing, see Provision IV B.

## (4) Seasonal Limits:

S = Summer (May - November)

W = Winter (December - April)

ECS = E. coli Summer (June - September)

ECW = E. coli Winter (October - May)



## **B. DISCHARGE MONITORING AND RECORD KEEPING REQUIREMENTS**

### **1. Representative Sampling**

Sample collection and measurement actions shall be representative of the volume and nature of the monitored discharge and shall be in accordance with the provisions of this permit. The effluent sampling point shall be at the nearest accessible location just prior to discharge and after final treatment, unless otherwise specified in the permit.

### **2. Measurement Frequency**

Measurement frequency requirements found in Provision I.A. shall mean:

- a. Seven days per week shall mean daily.
- b. Five days per week shall mean any five days of discharge during a calendar weekly period of Sunday through Saturday.
- c. Three days per week shall mean any three days of discharge during a calendar week.
- d. Two days per week shall mean any two days of discharge during a calendar week.
- e. One day per week shall mean any day of discharge during a calendar week.
- f. Two days per month shall mean any two days of discharge during the month that are no less than seven days apart. However, if discharges occur only during one seven-day period in a month, then two days per month shall mean any two days of discharge during that seven day period.
- g. One day per month shall mean any day of discharge during the calendar month.
- h. Quarterly shall mean any day of discharge during each calendar quarter.
- i. The Permittee may increase the frequency of sampling, listed in Provisions I.B.2.a through I.B.2.h; however, all sampling results are to be reported to the Department.

### **3. Test Procedures**

For the purpose of reporting and compliance, Permittees shall use one of the following procedures:

- a. For parameters with an EPA established Minimum Level (ML), report the measured value if the analytical result is at or above the ML and report "0" for values below the ML. Test procedures for the analysis of pollutants shall conform to 40 CFR Part 136 and guidelines published pursuant to Section 304(h) of the FWPCA, 33 U.S.C. Section 1314(h). If more than one method for analysis of a substance is approved for use, a method having a minimum level lower than the permit limit shall be used. If the minimum level of all methods is higher than the permit limit, the method having the lowest minimum level shall be used and a report of less than the minimum level shall be reported as zero and will constitute compliance, however should EPA approve a method with a lower minimum level during the term of this permit the Permittee shall use the newly approved method.

- b. For pollutants parameters without an established ML, an interim ML may be utilized. The interim ML shall be calculated as 3.18 times the Method Detection Level (MDL) calculated pursuant to 40 CFR Part 136, Appendix B.

Permittees may develop an effluent matrix-specific ML, where an effluent matrix prevents attainment of the established ML. However, a matrix specific ML shall be based upon proper laboratory method and technique. Matrix-specific MLs must be approved by the Department, and may be developed by the Permittee during permit issuance, reissuance, modification, or during compliance schedule.

In either case the measured value should be reported if the analytical result is at or above the ML and "0" reported for values below the ML.

- c. For parameters without an EPA established ML, interim ML, or matrix-specific ML, a report of less than the detection limit shall constitute compliance if the detection limit of all analytical methods is higher than the permit limit. For the purpose of calculating a monthly average, "0" shall be used for values reported less than the detection limit.

The Minimum Level utilized for procedures a and b above shall be reported on the Permittee's DMR. When an EPA approved test procedure for analysis of a pollutant does not exist, the Director shall approve the procedure to be used.

### **4. Recording of Results**

For each measurement or sample taken pursuant to the requirements of this permit, the Permittee shall record the following information:

- a. The facility name and location, point source number, date, time and exact place of sampling;

- b. The name(s) of person(s) who obtained the samples or measurements;
  - c. The dates and times the analyses were performed;
  - d. The name(s) of the person(s) who performed the analyses;
  - e. The analytical techniques or methods used, including source of method and method number; and
  - f. The results of all required analyses.
5. Records Retention and Production
- a. The Permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by the permit, and records of all data used to complete the above reports or the application for this permit, for a period of at least three years from the date of the sample measurement, report or application. This period may be extended by request of the Director at any time. If litigation or other enforcement action, under the AWPCA and/or the FWPCA, is ongoing which involves any of the above records, the records shall be kept until the litigation is resolved. Upon the written request of the Director or his designee, the Permittee shall provide the Director with a copy of any record required to be retained by this paragraph. Copies of these records should not be submitted unless requested.
  - b. All records required to be kept for a period of three years shall be kept at the permitted facility or an alternate location approved by the Department in writing and shall be available for inspection.
6. Reduction, Suspension or Termination of Monitoring and/or Reporting
- a. The Director may, with respect to any point source identified in Provision I.A. of this permit, authorize the Permittee to reduce, suspend or terminate the monitoring and/or reporting required by this permit upon the submission of a written request for such reduction, suspension or termination by the Permittee, supported by sufficient data which demonstrates to the satisfaction of the Director that the discharge from such point source will continuously meet the discharge limitations specified in Provision I.A. of this permit.
  - b. It remains the responsibility of the Permittee to comply with the monitoring and reporting requirements of this permit until written authorization to reduce, suspend or terminate such monitoring and/or reporting is received by the Permittee from the Director.
7. Monitoring Equipment and Instrumentation
- All equipment and instrumentation used to determine compliance with the requirements of this permit shall be installed, maintained, and calibrated in accordance with the manufacturer's instructions or, in the absence of manufacturer's instructions, in accordance with accepted practices. At a minimum, flow measurement devices shall be calibrated at least once every 12 months.

### C. DISCHARGE REPORTING REQUIREMENTS

1. Reporting of Monitoring Requirements
- a. The Permittee shall conduct the required monitoring in accordance with the following schedule:
    - (1) **MONITORING REQUIRED MORE FREQUENTLY THAN MONTHLY AND MONTHLY** shall be conducted during the first full month following the effective date of coverage under this permit and every month thereafter.
    - (2) **QUARTERLY MONITORING** shall be conducted at least once during each calendar quarter. Calendar quarters are the periods of January through March, April through June, July through September, and October through December. The Permittee shall conduct the quarterly monitoring during the first complete calendar quarter following the effective date of this permit and is then required to monitor once during each quarter thereafter. Quarterly monitoring should be reported on the last DMR due for the quarter (i.e., March, June, September and December DMRs).
    - (3) **SEMIANNUAL MONITORING** shall be conducted at least once during the period of January through June and at least once during the period of July through December. The Permittee shall conduct the semiannual monitoring during the first complete calendar semiannual period following the effective date of this permit and is then required to monitor once during each semiannual period thereafter. Semiannual monitoring may be done anytime during the semiannual period, unless restricted elsewhere in this permit, but it should be reported on the last DMR due for the month of the semiannual period (i.e., June and December DMRs).
    - (4) **ANNUAL MONITORING** shall be conducted at least once during the period of January through December. The Permittee shall conduct the annual monitoring during the first complete calendar annual period following the effective date of this permit and is then required to monitor once during each annual period thereafter.



Annual monitoring may be done anytime during the year, unless restricted elsewhere in this permit, but it should be reported on the December DMR.

- b. The Permittee shall submit discharge monitoring reports (DMRs) on the forms approved by the Department and in accordance with the following schedule:
  - (1) **REPORTS OF MORE FREQUENTLY THAN MONTHLY AND MONTHLY TESTING** shall be submitted on a monthly basis. The first report is due on the 28th day of the month following the month the permit becomes effective. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.
  - (2) **REPORTS OF QUARTERLY TESTING** shall be submitted on a quarterly basis. The first report is due on the 28th day of the month following the month the permit becomes effective. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.
  - (3) **REPORTS OF SEMIANNUAL TESTING** shall be submitted on a semiannual basis. The reports are due on the 28th day of JANUARY and the 28th day of JULY. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.
  - (4) **REPORTS OF ANNUAL TESTING** shall be submitted on an annual basis. Unless specified elsewhere in the permit, the first report is due on the 28th day of JANUARY. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.
- c. The Department is utilizing a web-based electronic environmental (E2) reporting system for submittal of DMRs. The E2 DMR system allows ADEM to electronically validate, acknowledge receipt, and upload data to the state's central wastewater database. This improves the accuracy of reported compliance data and reduces costs to both the regulated community and ADEM. If the Permittee is not already participating in the E2 DMR system, **the Permittee must apply for participation in the E2 DMR system within 180 days of the effective date of this permit unless valid justification as to why they cannot participate is submitted in writing. After 180 days, hard copy DMRs may be used only with written approval from the Department.** To participate in the E2 DMR system, the Permittee Participation Package may be downloaded online at <https://e2.adem.alabama.gov/npdes>. If the electronic environmental (E2) reporting system is down (i.e. electronic submittal of DMR data is unable to be completed due to technical problems originating with the Department's system; this could include entry/submittal issues with an entire set of DMRs or individual parameters), permittees are not relieved of their obligation to submit DMR data to the Department by the required submittal date. However, if the E2 system is down on the 28th day of the month or is down for an extended period of time as determined by the Department when a DMR is required to be submitted, the facility may submit the data in an alternate manner and format acceptable to the Department. Preapproved alternate acceptable methods include faxing, e-mailing, mailing, or hand-delivery of data such that they are received by the required reporting date. Within five calendar days of the E2 system resuming operation, the permittee shall enter the data into the E2 reporting system unless an alternate timeframe is approved by the Department. An attachment should be included with the E2 DMR submittal verifying the original submittal date (date of the fax, copy of dated e-mail, or hand-delivery stamped date). If a permittee is allowed to submit via the US Postal Service, the DMR must be legible and bear an original signature. Photo and electronic copies of the signature are not acceptable and shall not satisfy the reporting requirements of this permit. If the Permittee, using approved analytical methods as specified in Provision I. B. 2. monitors any discharge from a point source for a substance identified in Provision I. A. of this permit more frequently than required by this permit, the results of such monitoring shall be included in the calculation and reporting of values on the DMR Form and the increased frequency shall be indicated on the DMR Form. In the event no discharge from a point source identified in Provision I. A. of this permit and described more fully in the Permittee's application occurs during a monitoring period, the Permittee shall report "No Discharge" for such period on the appropriate DMR Form.
- d. All reports and forms required to be submitted by this permit, the AWPCA and the Department's Rules and regulations, shall be electronically signed (or, if allowed by the Department, traditionally signed) by a "responsible official" of the permittee as defined in ADEM Administrative Code Rule 335-6-6-.09 or a "duly authorized representative" of such official as defined in ADEM Administrative Code Rule 335-6-6-.09 and shall bear the following certification:
 

**"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."**
- e. The Permittee may certify in writing that a discharge will not occur for an extended period of time and after such certification shall not be required to submit monitoring reports. Written notification of a planned resumption of



discharge shall be submitted at least 30 days prior to resumption of the discharge. If an unplanned resumption of discharge occurs, written notification shall be submitted within 7 days of the resumption. In any case, all discharges shall comply with all provisions of this permit.

- f. All reports and forms required to be submitted by this permit, the AWPCA and the Department's Rules, shall be addressed to:

**Alabama Department of Environmental Management  
Municipal Section, Water Division  
Post Office Box 301463  
Montgomery, Alabama 36130-1463**

Certified and Registered Mail shall be addressed to:

**Alabama Department of Environmental Management  
Municipal Section, Water Division  
1400 Coliseum Boulevard  
Montgomery, Alabama 36110-2059**

DMRs required to be submitted by this permit shall be addressed to:

**Alabama Department of Environmental Management  
Environmental Data Section, Permits & Services Division  
Post Office Box 301463  
Montgomery, Alabama 36130-1463**

- g. If this permit is a reissuance, then the permittee shall continue to submit DMRs in accordance with the requirements of their previous permit until such time as DMRs are due as discussed in Part I.C.1.b. above.

**2. Noncompliance Notification**

- a. The Permittee must notify the Department if, for any reason, the Permittee's discharge:

- (1) Does not comply with any daily minimum or maximum discharge limitation for an effluent characteristic specified in Provision I. A. of this permit which is denoted by an "(X)"
- (2) Potentially threatens human health or welfare,
- (3) Threatens fish or aquatic life
- (4) Causes an in-stream water quality criterion to be exceeded;
- (5) Does not comply with an applicable toxic pollutant effluent standard or prohibition established under Section 307(a) of the FWPCA, 33 U.S.C. Section 1317(a);
- (6) Contains a quantity of a hazardous substance that may be harmful to public health or welfare under Section 311(b)(4) of the FWPCA, 33 U.S.C. Section 1321(b)(4);
- (7) Exceeds any discharge limitation for an effluent parameter listed in Part I.A as a result of an unanticipated bypass or upset; or
- (8) Is an unpermitted direct or indirect discharge of a pollutant to a water of the state (Note that unpermitted discharges properly reported to the Department under any other requirement are not required to be reported under this provision)

The Permittee shall orally or electronically report any of the above occurrences, describing the circumstances and potential effects, to the Department within 24-hours after the Permittee becomes aware of the occurrence of such discharge. In addition to the oral or electronic report, the Permittee shall submit a written report to the Director or Designee, as provided in Provision I.C.2.c, no later than five days after becoming aware of the occurrence of such discharge or occurrence.

- b. If for any reason, the Permittee's discharge does not comply with any limitation of this permit, then the Permittee must submit a written report to the Director or Designee, as provided in Provision I.C.2.c below. This report must be submitted with the next Discharge Monitoring Report required to be submitted by Provision I.C.1 of this permit after becoming aware of the occurrence of such noncompliance.
- c. Form 421 must be submitted to the Director or Designee in accordance with Provisions I.C.2.a. or b. The completed form must document the following information:
- (1) A description of the discharge and cause of noncompliance;

- (2) The period of noncompliance, including exact dates, times, and duration of the noncompliance. If not corrected by the due date of the written report, then the Permittee is to state the anticipated timeframe that is expected to transpire before the noncompliance is resolved; and
- (3) A description of the steps taken by the Permittee and the steps planned to be taken by the Permittee to reduce or eliminate the noncompliant discharge, including all steps taken to prevent recurrence.

d. Immediate notification

The permittee shall provide notification to the Director, the public, the county health department, and any other affected entity such as public water systems, as soon as possible upon becoming aware of any notifiable sanitary sewer overflow. The Permittee shall also report notification of the noncompliance event to any other affected entity such as the public.

- e. The Permittee shall keep an updated record of all known wastewater discharge points that are not authorized as permitted outfalls, including but not limited to SSOs. The Permittee shall submit annual Municipal Water Pollution Prevention Plan (MWPP) reports to the Department each year by May 31st for the prior calendar year period beginning January 1st and ending December 31st. The Annual MWPP Reports shall contain a list of all known wastewater discharge points that are not authorized as permitted outfalls and any discharges that occur prior to the headworks of the wastewater treatment plant covered by this permit. The MWPP shall also provide a list of any discharges reported in accordance with Provision I.C.2.a. The Permittee shall submit with its Annual MWPP Report the following information for each known unpermitted discharge that occurs:

- (1) The cause of the discharge;
- (2) Date, duration and volume of discharge (estimate if unknown);
- (3) Description of the source (e.g., manhole, lift station);
- (4) Location of the discharge, by street address or any other appropriate method;
- (5) The ultimate destination of the flow (e.g., surface waterbody, municipal separate storm sewer to surface waterbody). Location should be shown on a USGS quad sheet or copy thereof; and
- (6) Corrective actions or plans to eliminate future discharges.

- f. The Permittee shall report SSO and other illicit or anomalous discharge events on Form 415 in accordance with Part I.C.2.a. This form is available on the ADEM web page or upon request from the Permittee.

#### **D. OTHER REPORTING AND NOTIFICATION REQUIREMENTS**

1. Anticipated Noncompliance

The Permittee shall give the Director written advance notice of any planned changes or other circumstances regarding a facility which may result in noncompliance with permit requirements.

2. Termination of Discharge

The Permittee shall notify the Director, in writing, when all discharges from any point source(s) identified in Provision I. A. of this permit have permanently ceased. This notification shall serve as sufficient cause for instituting procedures for modification or termination of the permit.

3. Updating Information

- a. The Permittee shall inform the Director of any change in the Permittee's mailing address or telephone number or in the Permittee's designation of a facility contact or office having the authority and responsibility to prevent and abate violations of the AWPCA, the Department's Rules and the terms and conditions of this permit, in writing, no later than ten (10) days after such change. Upon request of the Director or his designee, the Permittee shall furnish the Director with an update of any information provided in the permit application.
- b. If the Permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information with a written explanation for the mistake and/or omission.

4. Duty to Provide Information

The Permittee shall furnish to the Director, within a reasonable time, any information which the Director or his designee may request to determine whether cause exists for modifying, revoking and re-issuing, suspending, or terminating this permit, in whole or in part, or to determine compliance with this permit.

**E. SCHEDULE OF COMPLIANCE**

**1. Compliance with discharge limits**

The Permittee shall achieve compliance with the discharge limitations specified in Provision I. A. in accordance with the following schedule:

**COMPLIANCE SHALL BE ATTAINED ON THE EFFECTIVE DATE OF THIS PERMIT**

**2. Schedule**

No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.



## PART II OTHER REQUIREMENTS, RESPONSIBILITIES, AND DUTIES

### A. OPERATIONAL AND MANAGEMENT REQUIREMENTS

#### 1. Facilities Operation and Maintenance

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities only when necessary to achieve compliance with the conditions of the permit.

#### 2. Best Management Practices (BMP)

- a. Dilution water shall not be added to achieve compliance with discharge limitations except when the Director or his designee has granted prior written authorization for dilution to meet water quality requirements.
- b. The Permittee shall prepare, implement, and maintain a Spill Prevention, Control and Countermeasures (SPCC) Plan in accordance with 40 C.F.R. Section 112 if required thereby.
- c. The Permittee shall prepare, submit for approval and implement a BMP Plan for containment of any or all process liquids or solids, in a manner such that these materials do not present a significant potential for discharge, if so required by the Director or his designee. When submitted and approved, the BMP Plan shall become a part of this permit and all requirements of the BMP Plan shall become requirements of this permit.

#### 3. Certified Operator

The Permittee shall not operate any wastewater treatment plant unless the competency of the operator to operate such plant has been duly certified by the Director pursuant to AWPCA, and meets the requirements specified in ADEM Administrative Code, Rule 335-10-1.

### B. OTHER RESPONSIBILITIES

#### 1. Duty to Mitigate Adverse Impacts

The Permittee shall promptly take all reasonable steps to mitigate and minimize or prevent any adverse impact on human health or the environment resulting from noncompliance with any discharge limitation specified in Provision I. A. of this permit, including such accelerated or additional monitoring of the discharge and/or the receiving waterbody as necessary to determine the nature and impact of the noncomplying discharge.

#### 2. Right of Entry and Inspection

The Permittee shall allow the Director, or an authorized representative, upon the presentation of proper credentials and other documents as may be required by law to:

- (1) Enter upon the Permittee's premises where a regulated facility or activity or point source is located or conducted, or where records must be kept under the conditions of the permit;
- (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permits;
- (3) Inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under the permit; and
- (4) Sample or monitor, for the purposes of assuring permit compliance or as otherwise authorized by the AWPCA, any substances or parameters at any location.

### C. BYPASS AND UPSET

#### 1. Bypass

- a. Any bypass is prohibited except as provided in b. and c. below:
- b. A bypass is not prohibited if:
  - (1) It does not cause any discharge limitation specified in Provision I. A. of this permit to be exceeded;
  - (2) It enters the same receiving stream as the permitted outfall; and
  - (3) It is necessary for essential maintenance of a treatment or control facility or system to assure efficient operation of such facility or system.
- c. A bypass is not prohibited and need not meet the discharge limitations specified in Provision I. A. of this permit if:



- (1) It is unavoidable to prevent loss of life, personal injury, or severe property damage;
  - (2) There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime (this condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance); and
  - (3) The Permittee submits a written request for authorization to bypass to the Director at least ten (10) days prior to the anticipated bypass (if possible), the Permittee is granted such authorization, and the Permittee complies with any conditions imposed by the Director to minimize any adverse impact on human health or the environment resulting from the bypass.
- d. The Permittee has the burden of establishing that each of the conditions of Provision II. C. 1. b. or e. have been met to qualify for an exception to the general prohibition against bypassing contained in a. and an exemption, where applicable, from the discharge limitations specified in Provision I. A. of this permit.

## 2. Upset

- a. A discharge which results from an upset need not meet the discharge limitations specified in Provision I. A. of this permit if:
  - (1) No later than 24-hours after becoming aware of the occurrence of the upset, the Permittee orally reports the occurrence and circumstances of the upset to the Director or his designee; and
  - (2) No later than five (5) days after becoming aware of the occurrence of the upset, the Permittee furnishes the Director with evidence, including properly signed, contemporaneous operating logs, or other relevant evidence, demonstrating that:
    - (i) An upset occurred;
    - (ii) The Permittee can identify the specific cause(s) of the upset;
    - (iii) The Permittee's facility was being properly operated at the time of the upset; and
    - (iv) The Permittee promptly took all reasonable steps to minimize any adverse impact on human health or the environment resulting from the upset.
- b. The Permittee has the burden of establishing that each of the conditions of Provision II C. 2. a. of this permit have been met to qualify for an exemption from the discharge limitations specified in Provision I. A. of this permit.

## D. DUTY TO COMPLY WITH PERMIT, RULES, AND STATUTES

### 1. Duty to Comply

- a. The Permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the AWPCA and the FWPCA and is grounds for enforcement action, for permit termination, revocation and reissuance, suspension, modification, or denial of a permit renewal application.
- b. The necessity to halt or reduce production or other activities in order to maintain compliance with the conditions of the permit shall not be a defense for a Permittee in an enforcement action.
- c. The discharge of a pollutant from a source not specifically identified in the permit application for this permit and not specifically included in the description of an outfall in this permit is not authorized and shall constitute noncompliance with this permit.
- d. The Permittee shall take all reasonable steps, including cessation of production or other activities, to minimize or prevent any violation of this permit or to minimize or prevent any adverse impact of any permit violation.
- e. Nothing in this permit shall be construed to preclude or negate the Permittee's responsibility to apply for, obtain, or comply with other Federal, State, or Local Government permits, certifications, or licenses or to preclude from obtaining other federal, state, or local approvals, including those applicable to other ADEM programs and regulations.

### 2. Removed Substances

Solids, sludges, filter backwash, or any other pollutant or other waste removed in the course of treatment or control of wastewaters shall be disposed of in a manner that complies with all applicable Department Rules.

### 3. Loss or Failure of Treatment Facilities

Upon the loss or failure of any treatment facilities, including but not limited to the loss or failure of the primary source of power of the treatment facility, the Permittee shall, where necessary to maintain compliance with the discharge

limitations specified in Provision I. A. of this permit, or any other terms or conditions of this permit, cease, reduce, or otherwise control production and/or all discharges until treatment is restored. If control of discharge during loss or failure of the primary source of power is to be accomplished by means of alternate power sources, standby generators, or retention of inadequately treated effluent, the Permittee must furnish to the Director within six months a certification that such control mechanisms have been installed.

4. Compliance With Statutes and Rules

- a. This permit has been issued under ADEM Administrative Code, Chapter 335-6-6. All provisions of this chapter, that are applicable to this permit, are hereby made a part of this permit. A copy of this chapter may be obtained for a small charge from the Office of General Counsel, Alabama Department of Environmental Management, 1400 Coliseum Boulevard Montgomery, Alabama 36110-2059.
- b. This permit does not authorize the noncompliance with or violation of any Laws of the State of Alabama or the United States of America or any regulations or rules implementing such laws. FWPCA, 33 U.S.C. Section 1319, and Code of Alabama 1975, Section 22-22-14.

**E. PERMIT TRANSFER, MODIFICATION, SUSPENSION, REVOCATION, AND REISSUANCE**

1. Duty to Reapply or Notify of Intent to Cease Discharge

- a. If the Permittee intends to continue to discharge beyond the expiration date of this permit, the Permittee shall file a complete permit application for reissuance of this permit at least 180 days prior to its expiration. If the Permittee does not intend to continue discharge beyond the expiration of this permit, the Permittee shall submit written notification of this intent which shall be signed by an individual meeting the signatory requirements for a permit application as set forth in ADEM Administrative Code Rule 335-6-6-.09.
- b. Failure of the Permittee to apply for reissuance at least 180 days prior to permit expiration will void the automatic continuation of the expiring permit provided by ADEM Administrative Code Rule 335-6-6-.06 and should the permit not be reissued for any reason any discharge after expiration of this permit will be an unpermitted discharge.

2. Change in Discharge

Prior to any facility expansion, process modification or any significant change in the method of operation of the Permittee's treatment works, the Permittee shall provide the Director with information concerning the planned expansion, modification or change. The Permittee shall apply for a permit modification at least 180 days prior to any facility expansion, process modification, any significant change in the method of operation of the Permittee's treatment works or other actions that could result in the discharge of additional pollutants or increase the quantity of a discharged pollutant or could result in an additional discharge point. This condition applies to pollutants that are or that are not subject to discharge limitations in this permit. No new or increased discharge may begin until the Director has authorized it by issuance of a permit modification or a reissued permit.

3. Transfer of Permit

This permit may not be transferred or the name of the Permittee changed without notice to the Director and subsequent modification or revocation and reissuance of the permit to identify the new Permittee and to incorporate any other changes as may be required under the FWPCA or AWPCA. In the case of a change in name, ownership or control of the Permittee's premises only, a request for permit modification in a format acceptable to the Director is required at least 30 days prior to the change. In the case of a change in name, ownership or control of the Permittee's premises accompanied by a change or proposed change in effluent characteristics, a complete permit application is required to be submitted to the Director at least 180 days prior to the change. Whenever the Director is notified of a change in name, ownership or control, he may decide not to modify the existing permit and require the submission of a new permit application.

4. Permit Modification and Revocation

- a. This permit may be modified or revoked and reissued, in whole or in part, during its term for cause, including but not limited to, the following:
  - (1) If cause for termination under Provision II. E. 5. of this permit exists, the Director may choose to revoke and reissue this permit instead of terminating the permit,
  - (2) If a request to transfer this permit has been received, the Director may decide to revoke and reissue or to modify the permit; or
  - (3) If modification or revocation and reissuance is requested by the Permittee and cause exists, the Director may grant the request.
- b. This permit may be modified during its term for cause, including but not limited to, the following:
  - (1) If cause for termination under Provision II. E. 5. of this permit exists, the Director may choose to modify this permit instead of terminating this permit:



- (2) There are material and substantial alterations or additions to the facility or activity generating wastewater which occurred after permit issuance which justify the application of permit conditions that are different or absent in the existing permit;
- (3) The Director has received new information that was not available at the time of permit issuance and that would have justified the application of different permit conditions at the time of issuance;
- (4) A new or revised requirement(s) of any applicable standard or limitation is promulgated under Sections 301(b)(2)(C), (D), (E), and (F), and 307(a)(2) of the FWPCA;
- (5) Errors in calculation of discharge limitations or typographical or clerical errors were made;
- (6) To the extent allowed by ADEM Administrative Code, Rule 335-6-6-.17, when the standards or regulations on which the permit was based have been changed by promulgation of amended standards or regulations or by judicial decision after the permit was issued;
- (7) To the extent allowed by ADEM Administrative Code, Rule 335-6-6-.17, permits may be modified to change compliance schedules;
- (8) To agree with a granted variance under 301(c), 301(g), 301(h), 301(k), or 316(a) of the FWPCA or for fundamentally different factors;
- (9) To incorporate an applicable 307(a) FWPCA toxic effluent standard or prohibition;
- (10) When required by the reopener conditions in this permit;
- (11) When required under 40 CFR 403.8(e) (compliance schedule for development of pretreatment program);
- (12) Upon failure of the state to notify, as required by Section 402(b)(3) of the FWPCA, another state whose waters may be affected by a discharge permitted by this permit;
- (13) When required to correct technical mistakes, such as errors in calculation, or mistaken interpretations of law made in determining permit conditions; or
- (14) When requested by the Permittee and the Director determines that the modification has cause and will not result in a violation of federal or state law, regulations or rules.

#### 5. Termination

This permit may be terminated during its term for cause, including but not limited to, the following:

- a. Violation of any term or condition of this permit;
- b. The Permittee's misrepresentation or failure to disclose fully all relevant facts in the permit application or during the permit issuance process or the Permittee's misrepresentation of any relevant facts at any time;
- c. Materially false or inaccurate statements or information in the permit application or the permit;
- d. A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge;
- e. The Permittee's discharge threatens human life or welfare or the maintenance of water quality standards;
- f. Permanent closure of the facility generating the wastewater permitted to be discharged by this permit or permanent cessation of wastewater discharge;
- g. New or revised requirements of any applicable standard or limitation that is promulgated under Sections 301(b)(2)(C), (D), (E), and (F), and 307(a)(2) of the FWPCA that the Director determines cannot be complied with by the Permittee; or
- h. Any other cause allowed by the ADEM Administrative Code, Chapter 335-6-6.

#### 6. Suspension

This permit may be suspended during its term for noncompliance until the Permittee has taken action(s) necessary to achieve compliance.

#### 7. Stay

The filing of a request by the Permittee for modification, suspension or revocation of this permit, in whole or in part, does not stay any permit term or condition.

**F. COMPLIANCE WITH TOXIC POLLUTANT STANDARD OR PROHIBITION**

If any applicable effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the FWPCA, 33 U.S.C. Section 1317(a), for a toxic pollutant discharged by the Permittee, and such standard or prohibition is more stringent than any discharge limitation on the pollutant specified in Provision I. A. of this permit or controls a pollutant not limited in Provision I. A. of this permit, this permit shall be modified to conform to the toxic pollutant effluent standard or prohibition, and the Permittee shall be notified of such modification. If this permit has not been modified to conform to the toxic pollutant effluent standard or prohibition before the effective date of such standard or prohibition, the Permittee shall attain compliance with the requirements of the standard or prohibition within the time period required by the standard or prohibition and shall continue to comply with the standard or prohibition until this permit is modified or reissued.

**G. NOTICE TO DIRECTOR OF INDUSTRIAL USERS**

1. The Permittee shall not allow the introduction of wastewater, other than domestic wastewater, from a new direct discharger prior to approval and permitting, if applicable, of the discharge by the Department.
2. The Permittee shall not allow an existing indirect discharger to increase the quantity or change the character of its wastewater, other than domestic wastewater, prior to approval and permitting, if applicable, of the increased discharge by the Department.
3. The Permittee shall report to the Department any adverse impact caused or believed to be caused by an indirect discharger on the treatment process, quality of discharged water, or quality of sludge. Such report shall be submitted within seven days of the Permittee becoming aware of the adverse impacts.

**H. PROHIBITIONS**

The Permittee shall not allow, and shall take effective enforcement action to prevent and terminate, the introduction of any of the following into its treatment works by industrial users:

1. Pollutants which create a fire or explosion hazard in the treatment works;
  2. Pollutants which will cause corrosive structural damage to the treatment works, or dischargers with a pH lower than 5.0 s.u., unless the works are specifically designed to accommodate such discharges;
  3. Solid or viscous pollutants in amounts which will cause obstruction of flow in sewers, or other interference with the treatment works;
  4. Pollutants, including oxygen demanding pollutants, released in a discharge of such volume or strength as to cause interference in the treatment works;
  5. Heat in amounts which will inhibit biological activity in the treatment plant resulting in interference or in such quantities that the temperature of the treatment plant influent exceeds 40°C (104° F) unless the treatment plant is designed to accommodate such heat; and
  6. Pollutants in amounts which exceed any applicable pretreatment standard under Section 307 of FWPCA or any approved revisions thereof.
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**PART III ADDITIONAL REQUIREMENTS, CONDITIONS, AND LIMITATIONS****A. CIVIL AND CRIMINAL LIABILITY****1. Tampering**

Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained or performed under the permit shall, upon conviction, be subject to penalties as provided by the AWPCA.

**2. False Statements**

Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be subject to penalties as provided by the AWPCA.

**3. Permit Enforcement**

a. Any NPDES permit issued or reissued by the Department is a permit for the purpose of the AWPCA and the FWPCA, and as such, any terms, conditions, or limitations of the permit are enforceable under state and federal law.

b. Any person required to have a NPDES permit pursuant to ADEM Administrative Code Chapter 335-6-6 and who discharges pollutants without said permit, who violates the conditions of said permit, who discharges pollutants in a manner not authorized by the permit, or who violates applicable orders of the Department or any applicable rule or standard of the Department, is subject to any one or combination of the following enforcement actions under applicable state statutes:

(1) An administrative order requiring abatement, compliance, mitigation, cessation, clean-up, and/or penalties;

(2) An action for damages;

(3) An action for injunctive relief; or

(4) An action for penalties.

c. If the Permittee is not in compliance with the conditions of an expiring or expired permit the Director may choose to do any or all of the following provided the Permittee has made a timely and complete application for reissuance of the permit:

(1) Initiate enforcement action based upon the permit which has been continued;

(2) Issue a notice of intent to deny the permit reissuance. If the permit is denied, the owner or operator would then be required to cease the activities authorized by the continued permit or be subject to enforcement action for operating without a permit;

(3) Reissue the new permit with appropriate conditions; or

(4) Take other actions authorized by these rules and AWPCA.

**4. Relief from Liability**

Except as provided in Provision II. C. 1. (Bypass) and Provision II. C. 2. (Upset), nothing in this permit shall be construed to relieve the Permittee of civil or criminal liability under the AWPCA or FWPCA for noncompliance with any term or condition of this permit.

**B. OIL AND HAZARDOUS SUBSTANCE LIABILITY**

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the Permittee from any responsibilities, liabilities or penalties to which the Permittee is or may be subject under Section 311 of the FWPCA. 33 U.S.C. Section 1321.

**C. PROPERTY AND OTHER RIGHTS**

This permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to persons or property or invasion of other private rights, or any infringement of federal, state, or local laws or regulations, nor does it authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any waters of the state or of the United States.

**D. AVAILABILITY OF REPORTS**

Except for data determined to be confidential under Code of Alabama 1975, Section 22-22-9(c), all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department. Effluent data shall not be considered confidential.

**E. EXPIRATION OF PERMITS FOR NEW OR INCREASED DISCHARGES**

1. If this permit was issued for a new discharger or new source, this permit shall expire eighteen months after the issuance date if construction of the facility has not begun during the eighteen-month period.
2. If this permit was issued or modified to allow the discharge of increased quantities of pollutants to accommodate the modification of an existing facility and if construction of this modification has not begun during the eighteen month period after issuance of this permit or permit modification, this permit shall be modified to reduce the quantities of pollutants allowed to be discharged to those levels that would have been allowed if the modification of the facility had not been planned.
3. Construction has begun when the owner or operator has:
  - a. Begun, or caused to begin as part of a continuous on-site construction program:
    - (1) Any placement, assembly, or installation of facilities or equipment; or
    - (2) Significant site preparation work including clearing, excavation, or removal of existing buildings, structures, or facilities which are necessary for the placement, assembly, or installation of new source facilities or equipment; or
  - b. Entered into a binding contractual obligation for the purpose of placement, assembly, or installation of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this paragraph.
4. Final plans and specifications for a waste treatment facility at a new source or new discharger, or a modification to an existing waste treatment facility must be submitted to and examined by the Department prior to initiating construction of such treatment facility by the Permittee.
5. Upon completion of construction of waste treatment facilities and prior to operation of such facilities, the Permittee shall submit to the Department a certification from a registered professional engineer, licensed to practice in the State of Alabama, that the treatment facilities have been built according to plans and specifications submitted to and examined by the Department.

**F. COMPLIANCE WITH WATER QUALITY STANDARDS**

1. On the basis of the Permittee's application, plans, or other available information, the Department has determined that compliance with the terms and conditions of this permit should assure compliance with the applicable water quality standards.
2. Compliance with permit terms and conditions notwithstanding, if the Permittee's discharge(s) from point sources identified in Provision I. A. of this permit cause or contribute to a condition in contravention of state water quality standards, the Department may require abatement action to be taken by the Permittee in emergency situations or modify the permit pursuant to the Department's Rules, or both.
3. If the Department determines, on the basis of a notice provided pursuant to this permit or any investigation, inspection or sampling, that a modification of this permit is necessary to assure maintenance of water quality standards or compliance with other provisions of the AWPCA or FWPCA, the Department may require such modification, and, in cases of emergency, the Director may prohibit the discharge until the permit has been modified.

**G. GROUNDWATER**

Unless specifically authorized by a permit issued by the Department, the discharge of pollutants to groundwater is prohibited. Should a threat of groundwater contamination occur, the Director may require groundwater monitoring to properly assess the degree of the problem, and the Director may require that the Permittee undertake measures to abate any such discharge and/or contamination.

**H. DEFINITIONS**

1. Average monthly discharge limitation – means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).
2. Average weekly discharge limitation - means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).



3. Arithmetic Mean – means the summation of the individual values of any set of values divided by the number of individual values.
4. AWPCA – means the Alabama Water Pollution Control Act.
5. BOD – means the five-day measure of the pollutant parameter biochemical oxygen demand.
6. Bypass – means the intentional diversion of waste streams from any portion of a treatment facility.
7. CBOD – means the five-day measure of the pollutant parameter carbonaceous biochemical oxygen demand.
8. Daily discharge – means the discharge of a pollutant measured during any consecutive 24-hour period in accordance with the sample type and analytical methodology specified by the discharge permit.
9. Daily maximum – means the highest value of any individual sample result obtained during a day.
10. Daily minimum – means the lowest value of any individual sample result obtained during a day.
11. Day – means any consecutive 24-hour period.
12. Department – means the Alabama Department of Environmental Management.
13. Director – means the Director of the Department.
14. Discharge – means "[t]he addition, introduction, leaking, spilling or emitting of any sewage, industrial waste, pollutant or other waste into waters of the state". Code of Alabama 1975, Section 22-22-1(b)(9).
15. Discharge Monitoring Report (DMR) – means the form approved by the Director to accomplish reporting requirements of an NPDES permit.
16. DO – means dissolved oxygen.
17. 8HC – means 8-hour composite sample, including any of the following:
  - a. The mixing of at least 8 equal volume samples collected at constant time intervals of not more than 1 hour over a period of not less than 8 hours between the hours of 6:00 a.m. and 6:00 p.m. If the sampling period exceeds 8 hours, sampling may be conducted beyond the 6:00 a.m. to 6:00 p.m. period.
  - b. A sample continuously collected at a constant rate over period of not less than 8 hours between the hours of 6:00 a.m. and 6:00 p.m. If the sampling period exceeds 8 hours, sampling may be conducted beyond the 6:00 a.m. to 6:00 p.m. period.
18. EPA – means the United States Environmental Protection Agency.
19. FC – means the pollutant parameter fecal coliform.
20. Flow – means the total volume of discharge in a 24-hour period.
21. FWPCA – means the Federal Water Pollution Control Act.
22. Geometric Mean – means the Nth root of the product of the individual values of any set of values where N is equal to the number of individual values. The geometric mean is equivalent to the antilog of the arithmetic mean of the logarithms of the individual values. For purposes of calculating the geometric mean, values of zero (0) shall be considered one (1).
23. Grab Sample – means a single influent or effluent portion which is not a composite sample. The sample(s) shall be collected at the period(s) most representative of the discharge.
24. Indirect Discharger – means a nondomestic discharger who discharges pollutants to a publicly owned treatment works or a privately owned treatment facility operated by another person.
25. Industrial User – means those industries identified in the Standard Industrial Classification manual, Bureau of the Budget 1967, as amended and supplemented, under the category "Division D – Manufacturing" and such other classes of significant waste producers as, by regulation, the Director deems appropriate.
26. MGD – means million gallons per day.
27. Monthly Average – means the arithmetic mean of all the composite or grab samples taken for the daily discharges collected in one month period. The monthly average for flow is the arithmetic mean of all flow measurements taken in a one month period.
28. New Discharger – means a person, owning or operating any building, structure, facility or installation:
  - a. From which there is or may be a discharge of pollutants;
  - b. From which the discharge of pollutants did not commence prior to August 13, 1979, and which is not a new source; and



- e. Which has never received a final effective NPDES permit for dischargers at that site.
29. NH<sub>3</sub>-N – means the pollutant parameter ammonia, measured as nitrogen.
  30. Notifiable sanitary sewer overflow – means an overflow, spill, release or diversion of wastewater from a sanitary sewer system that:
    - a. Reaches a surface water of the State; or
    - b. May imminently and substantially endanger human health based on potential for public exposure including but not limited to close proximity to public or private water supply wells or in areas where human contact would be likely to occur.
  31. Permit application – means forms and additional information that is required by ADEM Administrative Code Rule 335-6-6-.08 and applicable permit fees.
  32. Point source – means "any discernible, confined and discrete conveyance, including but not limited to any pipe, channel, ditch, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, or vessel or other floating craft, . . . from which pollutants are or may be discharged." Section 502(14) of the FWPCA, 33 U.S.C. Section 1362(14).
  33. Pollutant – includes for purposes of this permit, but is not limited to, those pollutants specified in Code of Alabama 1975, Section 22-22-1(b)(3) and those effluent characteristics specified in Provision I. A. of this permit.
  34. Privately Owned Treatment Works – means any devices or system which is used to treat wastes from any facility whose operator is not the operator of the treatment works, and which is not a "POTW".
  35. Publicly Owned Treatment Works – means a wastewater collection and treatment facility owned by the State, municipality, regional entity composed of two or more municipalities, or another entity created by the State or local authority for the purpose of collecting and treating municipal wastewater.
  36. Receiving Stream – means the "waters" receiving a "discharge" from a "point source".
  37. Severe property damage – means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
  38. Significant Source – means a source which discharges 0.025 MGD or more to a POTW or greater than five percent of the treatment work's capacity, or a source which is a primary industry as defined by the U.S. EPA or which discharges a priority or toxic pollutant.
  39. TKN – means the pollutant parameter Total Kjeldahl Nitrogen.
  40. TON – means the pollutant parameter Total Organic Nitrogen.
  41. TRC – means Total Residual Chlorine.
  42. TSS – means the pollutant parameter Total Suspended Solids.
  43. 24HC – means 24-hour composite sample, including any of the following:
    - a. The mixing of at least 8 equal volume samples collected at constant time intervals of not more than 2 hours over a period of 24 hours;
    - b. A sample collected over a consecutive 24-hour period using an automatic sampler composite to one sample. As a minimum, samples shall be collected hourly and each shall be no more than one twenty-fourth (1/24) of the total sample volume collected; or
    - c. A sample collected over a consecutive 24-hour period using an automatic composite sampler composited proportional to flow.
  44. Upset – means an exceptional incident in which there is an unintentional and temporary noncompliance with technology-based permit discharge limitations because of factors beyond the reasonable control of the Permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
  45. Waters – means "[a]ll waters of any river, stream, watercourse, pond, lake, coastal, ground, or surface water, wholly or partially within the state, natural or artificial. This does not include waters which are entirely confined and retained completely upon the property of a single individual, partnership, or corporation unless such waters are used in interstate commerce." Code of Alabama 1975, Section 22-22-1(b)(2). Waters "include all navigable waters" as defined in Section 502(7) of the FWPCA, 22 U.S.C. Section 1362(7), which are within the State of Alabama.

- 46. Week – means the period beginning at twelve midnight Saturday and ending at twelve midnight the following Saturday.
- 47. Weekly (7-day and calendar week) Average – is the arithmetic mean of all samples collected during a consecutive 7-day period or calendar week, whichever is applicable. The calendar week is defined as beginning on Sunday and ending on Saturday. Weekly averages shall be calculated for all calendar weeks with Saturdays in the month. If a calendar week overlaps two months (i.e., the Sunday is in one month and the Saturday in the following month), the weekly average calculated for the calendar week shall be included in the data for the month that contains the Saturday.

#### **I. SEVERABILITY**

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

## **PART IV SPECIFIC REQUIREMENTS, CONDITIONS, AND LIMITATIONS**

### **A. SLUDGE MANAGEMENT PRACTICES**

1. Applicability
  - a. Provisions of Provision IV.A. apply to a sewage sludge generated or treated in treatment works that is applied to agricultural and non-agricultural land, or that is otherwise distributed, marketed, incinerated, or disposed in landfills or surface disposal sites.
  - b. Provisions of Provision IV.A. do not apply to:
    - (1) Sewage sludge generated or treated in a privately owned treatment works operated in conjunction with industrial manufacturing and processing facilities and which receive no domestic wastewater.
    - (2) Sewage sludge that is stored in surface impoundments located at the treatment works prior to ultimate disposal.
2. Submitting Information
  - a. If applicable, the Permittee must submit annually with its Municipal Water Pollution Prevention (MWPP) report the following:
    - (1) Type of sludge stabilization/digestion method;
    - (2) Daily or annual sludge production (dry weight basis);
    - (3) Ultimate sludge disposal practice(s).
  - b. The Permittee shall provide sludge inventory data to the Director as requested. These data may include, but are not limited to, sludge quantity and quality reported in Provision IV.A.2.a as well as other specific analyses required to comply with State and Federal laws regarding solid and hazardous waste disposal.
  - c. The Permittee shall give prior notice to the Director of at least 30 days of any change planned in the Permittee's sludge disposal practices.
3. Reopener or Modification
  - a. Upon review of information provided by the Permittee as required by Provision IV.A.2. or, based on the results of an on-site inspection, the permit shall be subject to modification to incorporate appropriate requirements.
  - b. If an applicable "acceptable management practice" or if a numerical limitation for a pollutant in sewage sludge promulgated under Section 405 of FWPCA is more stringent than the sludge pollutant limit or acceptable management practice in this permit. This permit shall be modified or revoked or reissued to conform to requirements promulgated under Section 405. The Permittee shall comply with the limitations no later than the compliance deadline specified in applicable regulations as required by Section 405 of FWPCA.

### **B. EFFLUENT TOXICITY LIMITATIONS AND BIOMONITORING REQUIREMENTS FOR CHRONIC TOXICITY**

1. Chronic Toxicity Test
  - a. The permittee shall perform short-term chronic toxicity tests on the wastewater at Outfall 0011.
  - b. The samples shall be diluted using appropriate control water to the Instream Waste Concentration (IWC) which is **14 percent** effluent. The IWC is the actual concentration of effluent, after mixing, in the receiving stream during a 7-day, 10-year low flow period.
  - c. Any test result that shows a statistically significant reduction in survival, growth, or reproduction between the control and test samples at the 95% confidence level indicates chronic toxicity and shall constitute noncompliance with this permit.
2. General Test Requirements
  - a. A minimum of three (3) 24-hour composite samples shall be obtained for use in the above biomonitoring tests. Samples shall be collected every other day so that the laboratory receives water samples on the first, third, and fifth day of the seven-day test period. The holding time for each composite sample shall not exceed 36 hours. The control water shall be a water prepared in the laboratory in accordance with the EPA procedure described in EPA 821-R-02-013 (most current edition) or another control water selected by the Permittee and approved by the Department.
  - b. Test results shall be deemed unacceptable and the Permittee shall rerun the tests as soon as practical within the monitoring period for the following:



- (1) For testing with *P. promelas*, effluent toxicity tests with control survival of less than 80% or if dry weight per surviving control organism is less than 0.25 mg;
    - (2) For testing with *C. dubia*, if the number of young per surviving control organism is less than 15 or if less than 60% of surviving control females produce three broods; or
    - (3) If the other requirements of the EPA Test Procedure are not met.
  - c. In the event of an invalid test, upon subsequent completion of a valid test, the results of all tests, valid and invalid, are to be reported to the Department along with an explanation of the tests performed and the test results.
  - d. Toxicity tests shall be conducted for the duration of this permit in the month of August. Should results from the Annual Toxicity test indicate that Outfall 001-1 exhibits chronic toxicity, then the Permittee must conduct the follow-up testing described in Part IV.B.4.a. In addition, the Permittee may then also be required to conduct toxicity testing in the months of FEBRUARY, MAY, AUGUST, and NOVEMBER.
3. Reporting Requirements
  - a. The Permittee shall notify the Department in writing within 48 hours after toxicity has been demonstrated by the scheduled test(s).
  - b. Biomonitoring test results obtained during each monitoring period shall be summarized and reported using the appropriate Discharge Monitoring Report (DMR) form approved by the Department. In accordance with Section 2 of this part, an effluent toxicity report containing the information in Sections 2 and 6 shall be included with the DMR. Two copies of the test results must be submitted to the Department no later than 28 days after the month that tests were performed.
4. Additional Testing Requirements
  - a. If chronic toxicity is indicated (i.e., noncompliance with permit limit), then the Permittee must perform two additional valid chronic toxicity tests in accordance with these procedures to determine the extent and duration of the toxic condition. The toxicity tests shall run consecutively beginning on the first calendar week following the date that the Permittee became aware of the permit noncompliance. The results of these follow-up tests shall be submitted to the Department no later than 28 days following the month the tests were performed.
  - b. After evaluation of the results of the follow-up tests, the Department will determine if additional action is appropriate and may require additional testing and/or toxicity reduction measures. The permittee may be required to perform a Toxicity Identification Evaluation (TIE) and/or a Toxicity Reduction Evaluation (TRE). The TIE/TRE shall be performed in accordance with the most recent protocols and guidance outlined by EPA (e.g., EPA/600/2-88/062, EPA/600/R-92/080, EPA/600/R-91-003, EPA/600/R-92/081, EPA/833/B-99/022, and/or EPA/600/6-91/005F).
5. Test Methods

The tests shall be performed in accordance with the latest edition of the "EPA Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms." The Larval Survival and Growth Test, Method 1000.0, shall be used for the fathead minnow (*Pimephales promelas*) test and the Survival and Reproduction Test, Method 1002.0, shall be used for the cladoceran (*Ceriodaphnia dubia*) test.
6. Effluent Toxicity Testing Reports

The following information shall be submitted with each DMR unless otherwise directed by the Department. The Department may at any times suspend or reinstate this requirement or may decrease or increase the frequency of submittals.

  - a. Introduction
    - (1) Facility name, location and county
    - (2) Permit number
    - (3) Toxicity testing requirements of permit
    - (4) Name of receiving water body
    - (5) Contract laboratory information (if tests are performed under contract)
      - (a) Name of firm
      - (b) Telephone number
      - (c) Address
    - (6) Objective of test
  - b. Plant Operations

- (1) Discharge Operating schedule (if other than continuous)
  - (2) Volume of discharge during sample collection to include Mean daily discharge on sample collection dates (MGD, CFS, GPM)
  - (3) Design flow of treatment facility at time of sampling
- c. Source of Effluent and Dilution Water
- (1) Effluent samples
    - (a) Sampling point
    - (b) Sample collection dates and times (to include composite sample start and finish times)
    - (c) Sample collection method
    - (d) Physical and chemical data of undiluted effluent samples (water temperature, pH, alkalinity, hardness, specific conductance, total residual chlorine (if applicable), etc.)
    - (e) Lapsed time from sample collection to delivery
    - (f) Lapsed time from sample collection to test initiation
    - (g) Sample temperature when received at the laboratory
  - (2) Dilution Water
    - (a) Source
    - (b) Collection/preparation date(s) and time(s)
    - (c) Pretreatment (if applicable)
    - (d) Physical and chemical characteristics (water temperature, pH, alkalinity, hardness, specific conductance, etc.)
- d. Test Conditions
- (1) Toxicity test method utilized
  - (2) End point(s) of test
  - (3) Deviations from referenced method, if any, and reason(s)
  - (4) Date and time test started
  - (5) Date and time test terminated
  - (6) Type and volume of test chambers
  - (7) Volume of solution per chamber
  - (8) Number of organisms per test chamber
  - (9) Number of replicate test chambers per treatment
  - (10) Test temperature, pH, and dissolved oxygen as recommended by the method (to include ranges)
  - (11) Specify if aeration was needed
  - (12) Feeding frequency, amount, and type of food
  - (13) Specify if (and how) pH control measures were implemented
  - (14) Light intensity (mean)
- e. Test Organisms
- (1) Scientific name
  - (2) Life stage and age
  - (3) Source
  - (4) Disease(s) treatment (if applicable)
- f. Quality Assurance
- (1) Reference toxicant utilized and source
  - (2) Date and time of most recent chronic reference toxicant test(s), raw data, and current control chart(s). (The most recent chronic reference toxicant test shall be conducted within 30 days of the routine.)
  - (3) Dilution water utilized in reference toxicant test
  - (4) Results of reference toxicant test(s) (NOEC, IC25, etc.); report concentration-response relationship and evaluate test sensitivity
  - (5) Physical and chemical methods utilized
- g. Results
- (1) Provide raw toxicity data in tabular form, including daily records of affected organisms in each concentration (including controls) and replicate
  - (2) Provide table of endpoints: NOECs, IC25s, PASS/FAIL, etc. (as required in the applicable NPDES permit)
  - (3) Indicate statistical methods used to calculate endpoints
  - (4) Provide all physical and chemical data required by method



- (5) Results of test(s) (NOEC, IC25, PASS/FAIL, etc.), report concentration-response relationship (definitive test only), report percent minimum significant difference (PMSD) calculated for sublethal endpoints determined by hypothesis testing.

h. Conclusions and Recommendations

- (1) Relationship between test endpoints and permit limits
- (2) Actions to be taken

1/ Adapted from "Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms", Fourth Edition, October 2002 (EPA 821-R-02-013). Section 10, Report Preparation.

**C. TOTAL RESIDUAL CHLORINE (TRC) REQUIREMENTS**

1. If chlorine is not utilized for disinfection purposes, TRC monitoring under Part I of this Permit is not required. If TRC monitoring is not required, "NODI = 9" (conditional monitoring) should be reported on the DMR forms.
2. Testing for TRC shall be conducted according to either the amperometric titration method or the DPD colorimetric method as specified in Section 408(C) or (E), Standards Methods for the Examination of Water and Wastewater, 18th edition. If chlorine is not detected prior to actual discharge to the receiving stream using one of these methods (i.e., the analytical result is less than the detection level), the Permittee shall report on the DMR form "NODI = B" or "0". The Permittee shall then be considered to be in compliance with the daily maximum concentration limit for TRC.
3. This permit contains a maximum allowable TRC level in the effluent. The Permittee is responsible for determining the minimum TRC level needed in the chlorine contact chamber to comply with E.coli limits. The effluent shall be dechlorinated if necessary to meet the maximum allowable effluent TRC level.
4. The sample collection point for effluent TRC shall be at a point downstream of the chlorine contact chamber (downstream of dechlorination if applicable). The exact location is to be approved by the Director.

**D. PLANT CLASSIFICATION**

The Permittee shall report to the Director within 30 days of the effective date of this permit, the name, address and operator number of the certified wastewater operator in responsible charge of the facility. Unless specified elsewhere in this permit, this facility shall be classified in accordance with ADEM Admin. Code R. 335-10-1-.03.

**E. EFFLUENT ADMI COLOR LIMITATIONS AND REQUIREMENTS**

1. The color of effluent shall be determined from samples collected two days per month at Outfall 001. Color limitations are expressed as American Dye Manufacturers Institute (ADMI) units.
2. The discharge of treated wastewater effluent through Outfall 001 shall not exceed a daily maximum value of 80 ADMI color units as determined by measuring color of the effluent. Compliance with this requirement shall be determined by sampling the effluent three days per week, using grab samples collected on the same day as samples collected pursuant to Part I., Pages 3 and 4 at a location approved by the Department for the measurement of color in the effluent discharged through Outfall 001.
3. ADMI color shall be determined according to Section 2120 E., ADMI Tristimulus Filter Method, as described in Standards Methods for the Examination of Water and Wastewater, 17<sup>th</sup> Edition or the latest edition thereof.

**F. STORM WATER REQUIREMENTS**

1. Prohibitions
  - a. The Permittee shall not allow the discharge of non-storm water into permitted storm water outfall(s) unless said discharge is already subject to an NPDES permit.
  - b. Pollutants removed in the course of treatment or control shall be disposed in a manner that complies with all applicable Department rules and regulations.
2. Operational and Management Practices

The permittee shall prepare and implement a Storm Water Pollution Prevention (SWPP) Plan within one year of the effective date of this permit.



- a. In the SWPP Plan, the Permittee shall:
    - (1) Assess the treatment plant site by developing and presenting site drainage maps, materials inventory, and best management operational practices. The plan shall also include a description of all spill or leak sources;
    - (2) Describe mechanisms and procedures to prevent the contact of sewage sludge, screenings, raw or partially treated wastewater, or any other waste product or pollutant with storm water discharged from the facility;
    - (3) Provide for daily inspection on workdays of any structures that function to prevent storm water pollution or that remove pollutants from storm water;
    - (4) Provide for daily inspection of the facility in general to ensure that the SWPP Plan is continually implemented and effective;
    - (5) Include a Best Management Practices (BMP) Plan that, as a minimum, addresses housekeeping, preventative maintenance, spill prevention and response, and non-storm water discharges;
    - (6) Describe mechanisms and procedures to provide sediment control sufficient to prevent or control storm water pollution storm water by particles resulting from soil or sediment migration from the site due to significant clearing, grading, or excavation activities;
    - (7) Designate by position or name the person or persons responsible for the day to day implementation of the SWPP Plan; and
    - (8) Bear the signature of an individual meeting signatory requirements as defined in ADEM Administrative Code, Rule 335-6-6-.09.
  - b. The Director or his designee may notify the permittee at any time that the SWPP Plan is deficient and will require correction of the deficiency. The permittee shall correct any SWPP Plan deficiency identified by the Director or his designee within 30 days of receipt of notification and shall certify to the Department that the correction has been made and implemented.
  - c. Administrative Procedures
    - (1) A copy of the SWPP Plan shall be maintained at the facility and shall be available for inspection by the Department.
    - (2) A log of daily inspections required by Provision IV.F.2.a.(3.) of the permit shall be maintained at the facility and shall be made available for inspection by the Department upon request. The log shall contain records of all inspections performed and each daily entry shall be signed by the person performing the inspection.
    - (3) The Permittee shall provide training for any personnel required to implement the SWPP Plan and shall retain documentation of such training at the facility. Training records for all personnel shall be available for inspection by the Department. Training shall be performed prior to the date implementation is required.
3. Monitoring Requirements
- a. Storm water discharged through each storm water outfall shall be sampled once per calendar year, using first flush grab samples (FFGS) collected during the first 30 minutes of discharge.
  - b. The total volume of storm water discharged for the event must be monitored, including the date and duration (in hours) and rainfall (in inches) for the storm event(s) sampled. The duration between the storm event sampled and the end of the previous measurable (greater than 0.1 inch rainfall) storm event must be a minimum of 72 hours. This information must be recorded as part of the sampling procedure and records retained in accordance with Provision I.B.5. of this permit. The volume may be measured using flow measurement devices or may be estimated using any method approved in writing by the Department.

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
WATER DIVISION – INDUSTRIAL AND MUNICIPAL SECTIONS  
**NONCOMPLIANCE NOTIFICATION FORM**

PERMITTEE NAME: \_\_\_\_\_ PERMIT NO: \_\_\_\_\_  
FACILITY LOCATION: \_\_\_\_\_  
DMR REPORTING PERIOD: \_\_\_\_\_

1. DESCRIPTION OF DISCHARGE: (Include outfall number (s))
2. DESCRIPTION OF NON-COMPLIANCE: (Attach additional pages if necessary):

| <b>LIST EFFLUENT VIOLATIONS (If applicable)</b> |                               |                                    |                                 |
|-------------------------------------------------|-------------------------------|------------------------------------|---------------------------------|
| Outfall Number (s)                              | NONCOMPLIANCE<br>PARAMETER(S) | Result Reported<br>(Include units) | Permit Limit<br>(Include units) |
|                                                 |                               |                                    |                                 |
|                                                 |                               |                                    |                                 |
|                                                 |                               |                                    |                                 |
|                                                 |                               |                                    |                                 |

  

| <b>LIST MONITORING / REPORTING VIOLATIONS (If applicable)</b> |                               |                                                           |
|---------------------------------------------------------------|-------------------------------|-----------------------------------------------------------|
| Outfall Number (s)                                            | NONCOMPLIANCE<br>PARAMETER(S) | Monitoring / Reporting Violation<br>(Provide description) |
|                                                               |                               |                                                           |
|                                                               |                               |                                                           |
|                                                               |                               |                                                           |
|                                                               |                               |                                                           |

3. CAUSE OF NON-COMPLIANCE (Attach additional pages if necessary):
4. PERIOD OF NONCOMPLIANCE: (Include exact date(s) and time(s) or, if not corrected, the anticipated time the noncompliance is expected to continue):
5. DESCRIPTION OF STEPS TAKEN AND/OR BEING TAKEN TO REDUCE OR ELIMINATE THE NONCOMPLYING DISCHARGE AND TO PREVENT ITS RECURRENCE (attach additional pages if necessary):

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

NAME AND TITLE OF RESPONSIBLE OFFICIAL (type or print) \_\_\_\_\_

SIGNATURE OF RESPONSIBLE OFFICIAL / DATE SIGNED \_\_\_\_\_

## NPDES PERMIT RATIONALE

NPDES Permit No: **AL0058408**

Date: August 22, 2012  
Revision Date: May 30, 2013

Permit Applicant: Oxford Waterworks & Sewer Board  
PO BOX 3663  
Oxford, Alabama 36203

Location: Oxford Tull C. Allen WWTP  
2975 Silver Run Road  
Oxford, Alabama 36203

Draft Permit is: Initial Issuance:  
Reissuance due to expiration: X  
Modification of existing permit:  
Revocation and Reissuance:

Basis for Limitations: Water Quality Model: CBOD<sub>5</sub>, NH<sub>3</sub>-N  
Reissuance with no modification: TKN, TP, NO<sub>3</sub>+NO<sub>3</sub>-N  
Instream calculation at 7Q10: 14%  
Toxicity based: TRC  
Secondary Treatment Levels: TSS, TSS % Removal, CBOD<sub>5</sub> % Removal  
Other (described below): E. Coli, Cyanide

Design Flow in Million Gallons per Day: 4.5 MGD

Description of Discharge: Outfall Number 001;  
Effluent discharge to Choccolocco Creek,

Revision due to updated Design Flow: The city of Oxford submitted an updated application with the new Design Flow of 4.5 MGD as opposed to the Design Flow of 4.9 MGD that was submitted previously. Therefore, the permit limits have been recalculated using the updated Design Flow.

Discussion: This permit is a reissuance due to expiration.

The pH limits for Outfall 0011 were developed consistent with the Water-Use designation of the receiving stream and the Municipal Section's Permit Development Rationale. The daily maximum pH limit is 9.0 s.u. and the daily minimum is 6.0 s.u. The monitoring frequency will be three times per week.

The discharge limits for Dissolved Oxygen (DO), CBOD<sub>5</sub> and NH<sub>3</sub>-N, for outfall 0011 were developed by the Municipal Permitting Section based on a Waste Load Allocation (WLA) model performed by the Department's Water Quality Branch on August 10, 2007. The summer monthly averages for CBOD<sub>5</sub> and NH<sub>3</sub>-N are 8 mg/l and 1 mg/l, respectively with a monitoring frequency of three times per week. The winter monthly averages for CBOD<sub>5</sub> and NH<sub>3</sub>-N are 25 mg/l and 20 mg/l, respectively. The daily minimum for DO is 6.0 with a monitoring frequency of three times per week. A minimum percent removal of 85 percent is imposed for CBOD<sub>5</sub> with a monitoring frequency of once per month.



The monthly average TSS limit is established at 30.0 mg/l in accordance with Department policy and 40 CFR 133.102. A minimum percent removal 85 percent is imposed for TSS. TSS will have a monitoring frequency of three times per week. TSS percent removal will have a monitoring frequency of once per month.

The Department amended ADEM Administrative Code R.335-6-10-.09 to change the bacterial indicator organisms and associated criteria for non-coastal waters from fecal coliform to *Escherichia coli* (*E. coli*) to be consistent with the United States Environmental Protection Agency (EPA) recommendations for protection against water-borne illnesses. As a result, this permit includes *E. coli* limits that are consistent with the revised regulations.

The imposed *E. coli* limits were determined based on the water-use classification of the receiving stream. Since the Coosa River is classified as Fish & Wildlife, the limits for June – September are 126 col/100mL (monthly average) and 487 col/100mL (daily maximum), while the limits for October – May are 548 col/100mL (monthly average) and 2507 col/100mL (daily maximum). The monitoring frequency will be three times per week.

This permit imposes monthly monitoring for the following nutrient-related parameters: Total Kjeldahl Nitrogen (TKN), Total Phosphorus (TP), and Nitrate plus Nitrite-Nitrogen ( $\text{NO}_2 + \text{NO}_3\text{-N}$ ). Monitoring for these nutrient-related parameters is imposed so that sufficient information will be available regarding the nutrient contribution from this point source, should it be necessary at some later time to impose nutrient limits on this discharge. The monitoring frequency will be once per month.

The facility accepts wastewater from Tapecraft Corporation, a textile and dyeing operation. Therefore, the permit imposes color monitoring with a daily maximum limitation of 80 ADMI units at a monitoring frequency of three times per week.

Monthly average and daily maximum TRC limitations of 0.08 mg/l and 0.13 mg/l, respectively, is being imposed at Outfall 0011. The monitoring frequency will be once per month.

Revision 4/2/2013: TRC limits were recalculated with the updated facility design flow of 4.5 MGD. The monthly average and daily maximum TRC is 0.08 mg/l and 0.14 mg/l, respectively.

Chronic toxicity testing with two species (Ceriodaphnia and Pimephales) is being imposed in this permit. Toxicity testing is required because this is a major facility discharging to a water of the state with a Fish and Wildlife water-use classification. Toxicity testing is imposed for both survival and life-cycle impairment (i.e., growth and reproduction). Chronic toxicity testing at the IWC of 15 percent is required once per year during the month of August. Should the results show chronic toxicity, the permittee would have to conduct follow-up testing as described in Part IV.B of the permit.

ADEM completed a Reasonable Potential Analysis (RPA) of the data submitted in Part D of the Permittee's application (Per 40 CFR Part 122 Appendix J – Table 2). The RPA indicates that there is not a reasonable potential to contribute to excursions of Alabama's in-stream water quality standards.

Revision 4/2/2013: Reasonable Potential was reanalyzed using the updated design flow of 4.5 MGD. The RPA indicated a reasonable potential for cyanide, lead, and cadmium to contribute to excursions of Alabama's in stream water quality standards. Therefore, Total Recoverable Cyanide has been added to the permit with a monthly average and daily maximum of 38.8 µg/l and 128.6 µg/l, respectively, Total Recoverable Lead has been added with a monthly average and daily maximum of 18.7 µg/l and 377.33 µg/l, respectively, and Total Recoverable Cadmium has been added with a monthly average and daily maximum of 4.8 µg/l and 25.4 µg/l, respectively. The monitoring frequency will be once per month.

The receiving stream is the Choccolocco Creek, a Tier I waterbody. The stream is on the current 303(d) list for impaired waterbodies for priority organics and mercury. The current permit limits are considered protective of the stream.

ADEM Administrative Rule 335-6-10-.12 requires applicants to new or expanded discharges to Tier II waters demonstrate that the proposed discharge is necessary for important economic or social development in the area in which the waters are located. The application submitted by the facility is not for a new or expanded discharge, so the applicant is not required to demonstrate that the discharge is necessary for economic and social development.

Annual stormwater monitoring will be required at Outfall 001S for dissolved oxygen, pH, total suspended solids, ammonia as nitrogen, total kjedahl nitrogen, nitrate plus nitrite, total phosphorous, flow, oil and grease, total residual chlorine, CBOD<sub>5</sub>, and E. coli.

Prepared by: Sandra Lee

**FACT SHEET**  
**APPLICATION FOR**  
**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**  
**PERMIT TO DISCHARGE TREATED WASTEWATERS**  
**TO WATERS OF THE STATE OF ALABAMA**

Date: May 30, 2013

Prepared By: Sandra Lee

NPDES Permit No. AL0058408

**1. SYNOPSIS OF APPLICATION**

**a. Name and Address of Applicant and Location if Different From Mailing Address**

Applicant Name and Address:

OXFORD WATERWORKS & SEWER  
BOARD  
PO BOX 3663  
OXFORD AL 36203

Facility Location:

Oxford Tull C. Allen WWTP  
2975 Silver Run Road  
Oxford, Alabama 36203

**b. Description of Applicant's Facility or Activity Generating the Discharge**

Municipal Wastewater Treatment Plant

For the Outfall latitude and longitude see the permit application

**c. Applicant's Receiving Waters**

Receiving Waters

Choccolocco Creek

Classification

Fish and Wildlife

**d. Quantitative Description of Proposed Discharges**

See attached draft permit and permit application

**2. PROPOSED DISCHARGE LIMITATIONS**

See attached draft permit

**3. STATEMENT OF BASIS FOR PERMIT LIMITATIONS**

See attached permit rationale

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#### 4. PROCEDURES FOR THE FORMULATION OF FINAL DETERMINATIONS

##### a. Comment Period

The Alabama Department of Environmental Management proposes to issue an NPDES permit to this applicant subject to the effluent limitations and special conditions outlined above. These determinations are tentative.

Interested persons are invited to submit written comments on the permit application or on proposed determinations to the following address:

Russell A. Kelly, Chief  
Permits and Services Division  
Alabama Department of Environmental Management  
1400 Coliseum Blvd  
(Mailing Address: Post Office Box 301463; Zip 36130-1463)  
Montgomery, Alabama 36110-2059  
(334) 271-7714

All comments received prior to the closure of the public notice period (see attached public notice) will be considered in the formulation of final determinations with regard to this application.

##### b. Public Hearing

A written request for a public hearing may also be filed with the public notice period and must state the nature of the issues proposed to be raised in the hearing. The Director shall hold a public hearing whenever it is found, on the basis of hearing requests, that there exists a significant degree of public interest in the permit application or draft permit or group of permits. A request for a hearing should be filed with the Department at the following address:

Russell A. Kelly, Chief  
Permits and Services Division  
Alabama Department of Environmental Management  
1400 Coliseum Blvd  
(Mailing Address: Post Office Box 301463; Zip 36130-1463)  
Montgomery, Alabama 36110-2059  
(334) 271-7714

The Director may hold a public hearing if he determines that useful information and data may be obtained thereby. Public notice of such a hearing will be published at least 30 days prior to the hearing in a newspaper having general circulation in the geographical area of the discharge and will be sent to those on the ADEM mailing list at least thirty days prior to the hearing.

##### c. Issuance of the Permit

Upon the expiration of the comment period and, if applicable, completion of the public hearing process a response to all significant comments will be prepared. After consideration of all comments received during the notice period or as the result of a public hearing, the response to comments, and of the requirements of the Alabama Water Pollution Control Act and appropriate regulations, the Director will make a final decision regarding permit issuance. The permit record, including the response to comments, will be available to the public and an appointment to review the record may be made by writing the Permits and Services Division at the above address.

Unless a request for a stay of a permit or permit provision is granted, the proposed permit contained in the Director's determination shall be issued and effective; and will be the final action of the Alabama Department of Environmental Management.

##### d. Appeal Procedures

Any person adversely affected by the Director's final decision may submit an appeal or a request for a stay of the permit or one or more provisions of the permit. Such requests should be received by the

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Environmental Management Commission within thirty days of issuance of the permit. Requests should be submitted to the Chairperson at the following address:

Alabama Environmental Management Commission  
1400 Coliseum Blvd  
(Mailing Address: Post Office Box 301463; Zip 36130-1463)  
Montgomery, Alabama 36110-2059

All requests must:

- (i) State the name, mailing address and telephone number of the person making such request;
- (ii) Identify the interest of the appellant which is affected by the proposed issuance, denial or modification of the permit contained in the determination of the Director, and explain how and to what extent that interest would be directly and adversely affected by such determination;
- (iii) Identify any persons whom the request represents;
- (iv) State with particularity the issues proposed to be considered at the hearing;
- (v) Include any terms and conditions with which the appellant proposes to revise or replace the determinations of the Director;
- (vi) State the name, mailing address and telephone number of the attorney for the person making the request, if represented by an attorney; and
- (vii) An original signature of the person making the request or such person's attorney.

The Commission may rule on the appeal or may hold an appeals hearing prior to making a ruling.

## TOXICITY AND DISINFECTION RATIONALE

|                                                |                   |                                                  |
|------------------------------------------------|-------------------|--------------------------------------------------|
| Facility Name:                                 | Oxford WWTP       |                                                  |
| NPDES Permit Number:                           | AL0058408         |                                                  |
| Receiving Stream:                              | Choccolocco Creek |                                                  |
| Facility Design Flow (Q <sub>w</sub> ):        | 4.500 MGD         |                                                  |
| Receiving Stream 7Q <sub>10</sub> :            | 45,000 cfs        |                                                  |
| Receiving Stream 1Q <sub>10</sub> :            | 33,750 cfs        | (Estimated at 0.75 * 7Q <sub>10</sub> )          |
| Winter Headwater Flow (WHF):                   | 72.00 cfs         |                                                  |
| Summer Temperature for CCC:                    | 0 deg. Celsius    |                                                  |
| Winter Temperature for CCC:                    | 0 deg. Celsius    |                                                  |
| Headwater Background NH <sub>3</sub> -N Level: | 0.11 mg/l         |                                                  |
| Receiving Stream pH:                           | 7.0 s.u.          |                                                  |
| Headwater Background FC Level (summer):        | N/A.              | (Only applicable for facilities with diffusers.) |
| (winter)                                       | N/A.              |                                                  |

The Stream Dilution Ratio (SDR) is calculated using the 7Q<sub>10</sub> for all stream classifications.

$$\text{Stream Dilution Ratio (SDR)} = \frac{Q_w}{7Q_{10} + Q_w} = 13.40\%$$

### AMMONIA TOXICITY LIMITATIONS

Toxicity-based ammonia limits are calculated in accordance with the *Ammonia Toxicity Protocol* and the *General Guidance for Writing Water Quality Based Toxicity Permits*.

If the Limiting Dilution is less than 1%, the waterbody is considered stream-dominated and the CMC applies.

If the Limiting Dilution is greater than 1%, the waterbody is considered effluent-dominated and the CCC applies.

$$\begin{aligned} \text{Limiting Dilution} &= \frac{Q_w}{7Q_{10} + Q_w} \\ &= 13.40\% \quad \text{Effluent-Dominated, CCC Applies} \end{aligned}$$

$$\begin{aligned} \text{Criterion Maximum Concentration (CMC):} & \quad \text{CMC} = 0.411 / (1 + 10^{(7.204 - \text{pH})}) + 58.4 / (1 + 10^{(\text{pH} - 7.204)}) \\ \text{Criterion Continuous Concentration (CCC):} & \quad \text{CCC} = [0.0577 / (1 + 10^{(7.688 - \text{pH})}) + 2.487 / (1 + 10^{(\text{pH} - 7.688)})] * \text{Min}[2.85, 1.45 * 10^{(0.028 * (25 - T))}] \end{aligned}$$

|                                               |            |            |
|-----------------------------------------------|------------|------------|
|                                               | <u>CMC</u> | <u>CCC</u> |
| Allowable Summer Instream NH <sub>3</sub> -N: | 36.09 mg/l | 5.91 mg/l  |
| Allowable Winter Instream NH <sub>3</sub> -N: | 36.09 mg/l | 5.91 mg/l  |

$$\begin{aligned} \text{Summer NH}_3\text{-N Toxicity Limit} &= \frac{[(\text{Allowable Instream NH}_3\text{-N}) * (7Q_{10} + Q_w)] - [(\text{Headwater NH}_3\text{-N}) * (7Q_{10})]}{Q_w} \\ &= 43.4 \text{ mg/l NH}_3\text{-N at 7Q}_{10} \end{aligned}$$

$$\begin{aligned} \text{Winter NH}_3\text{-N Toxicity Limit} &= \frac{[(\text{Allowable Instream NH}_3\text{-N}) * (\text{WHF} + Q_w)] - [(\text{Headwater NH}_3\text{-N}) * (\text{WHF})]}{Q_w} \\ &= 65.9 \text{ mg/l NH}_3\text{-N at Winter Flow} \end{aligned}$$

The ammonia limits established in the permit will be the lesser of the DO-based ammonia limit (from the wasteload allocation model) or the toxicity limits calculated above.

|        |                                        |                                              |
|--------|----------------------------------------|----------------------------------------------|
|        | <u>DO-based NH<sub>3</sub>-N limit</u> | <u>Toxicity-based NH<sub>3</sub>-N limit</u> |
| Summer | 1.00 mg/l NH <sub>3</sub> -N           | 43.40 mg/l NH <sub>3</sub> -N                |
| Winter | 20.00 mg/l NH <sub>3</sub> -N          | 65.90 mg/l NH <sub>3</sub> -N                |

**Summer: The DO based limit of 1.00 mg/l NH<sub>3</sub>-N applies.**

**Winter: The DO based limit of 20.00 mg/l NH<sub>3</sub>-N applies.**



## TOXICITY TESTING REQUIREMENTS (REFERENCE: MUNICIPAL BRANCH TOXICITY PERMITTING STRATEGY)

The following factors trigger toxicity testing requirements:

1. Facility design flow is equal to or greater than 1.0 MGD (major facility).
2. There are significant industrial contributors (SID permits).

Acute toxicity testing is specified for A&I receiving streams, or for stream dilution ratios of 1% or less.

Chronic toxicity testing is specified for all other situations requiring toxicity testing.

### **Chronic toxicity testing is required**

$$\text{Instream Waste Concentration (IWC)} = \frac{Q_w}{7Q_{10} + Q_w} = 13.40\% \quad \text{Note: This number will be rounded up for toxicity testing purposes}$$

## DISINFECTION REQUIREMENTS

Bacteria limits are required, and will be the water quality limit for the receiving stream, except where diffusers are used the limit may be adjusted for the dilution provided by the diffuser.

See the attached Disinfection Guidance for applicable stream standards.

**(Non-coastal limits apply)**

Applicable Stream Classification: **Fish & Wildlife**

Disinfection Type: **Chlorination**

Limit calculation method: **Limits based on meeting stream standards at the point of discharge.**

|                                                                                 | Stream Standard<br>(colonies/100ml) | Effluent Limit<br>(colonies/100ml) |
|---------------------------------------------------------------------------------|-------------------------------------|------------------------------------|
| <b><u>E. Coli (applies to Non-coastal and Shellfish Harvesting Coastal)</u></b> |                                     |                                    |
| Monthly limit as monthly average (October through May):                         | 548                                 | 548                                |
| Monthly limit as monthly average (June through September):                      | 126                                 | 126                                |
| Daily Max (October through May):                                                | 2507                                | 2507                               |
| Daily Max (June through September):                                             | 487                                 | 487                                |
| <b><u>Enterococci (applies to Coastal)</u></b>                                  |                                     |                                    |
| Monthly limit as geometric mean (October through May):                          | Not applicable                      | Not applicable                     |
| Monthly limit as geometric mean (June through September):                       | Not applicable                      | Not applicable                     |
| Daily Max (October through May):                                                | Not applicable                      | Not applicable                     |
| Daily Max (June through September):                                             | Not applicable                      | Not applicable                     |

## MAXIMUM ALLOWABLE CHLORINATION LIMITS

Toxicity-based chlorine limits are calculated in accordance with the General Guidance for Writing Water Quality Based Toxicity Permits.

Chlorine has been shown to be acutely toxic at 0.019 mg/l and chronically toxic at 0.011 mg/l.

|                                    |                     |               |
|------------------------------------|---------------------|---------------|
| Maximum allowable TRC in effluent: | 0.08 mg/l (chronic) | (0.011)/(SDR) |
| Maximum allowable TRC in effluent: | 0.14 mg/l (acute)   | (0.019)/(SDR) |

NOTE: A maximum chlorine limit will be imposed such that the instream concentration will not exceed acutely toxic concentrations in A & I streams and chronically toxic concentrations in all other streams, but may not exceed 1.0 mg/l.

Prepared By:

Sandra Lee

Date:

4/2/2013









## Oxford Tull C. Allen WWTP (AL0058408)

### Total Recoverable Lead DMR Data

| Monitor Pd End Date | Monthly Average (mg/L) | Daily Maximum (mg/L) |
|---------------------|------------------------|----------------------|
| 3/31/2009           | *B                     | *B                   |
| 6/30/2009           | *B                     | *B                   |
| 9/30/2009           | *B                     | *B                   |
| 12/31/2009          | *B                     | *B                   |
| 3/31/2010           | 0                      | 0                    |
| 6/30/2010           | 0                      | 0                    |
| 9/30/2010           | *B                     | *B                   |
| 12/31/2010          | *B                     | *B                   |
| 3/31/2011           | *B                     | *B                   |
| 6/30/2011           | 0.011                  | 0.011                |
| 9/30/2011           | *B                     | *B                   |
| 12/31/2011          | 0.012                  | 0.012                |
| 3/31/2012           | 0.014                  | 0.014                |
| 6/30/2012           | *B                     | *B                   |
| 9/30/2012           | *B                     | *B                   |
|                     | Maximum                | 0.014                |
|                     | Maximum                | 0.014                |

\*B – below detection limit/no detect

## Oxford Tull C. Allen WWTP (AL0058408)

### Total Recoverable Cadmium DMR Data

| Monitor Pd End Date | Monthly Average (mg/L) | Daily Maximum (mg/L) |
|---------------------|------------------------|----------------------|
| 3/31/2009           | *B                     | *B                   |
| 6/30/2009           | *B                     | *B                   |
| 9/30/2009           | *B                     | *B                   |
| 12/31/2009          | 0.001                  | 0.001                |
| 3/31/2010           | 0                      | 0                    |
| 6/30/2010           | 0                      | 0                    |
| 9/30/2010           | *B                     | *B                   |
| 12/31/2010          | 0.002                  | 0.002                |
| 3/31/2012           | 0.002                  | 0.002                |
| 6/30/2012           | *B                     | *B                   |
| 9/30/2012           | *B                     | *B                   |
| 3/31/2011           | *B                     | *B                   |
| 6/30/2011           | 0.002                  | 0.002                |
| 9/30/2011           | *B                     | *B                   |
| 12/31/2011          | 0.002                  | 0.002                |
|                     | Maximum 0.002          | Maximum 0.002        |

\*B – below detection limit/no detect

# Waste Load Allocation Summary

Comments included

☐ Yes ☒ No

## General Information

Information  
Verified By

DWT

Page 1

|                          |                                                                     |                                       |                                                                     |
|--------------------------|---------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------|
| Receiving Stream Name    | Choccolocco Creek                                                   | Year File Was Created                 | 1985                                                                |
| Previous File Name       |                                                                     | OR: Local Name (If applicable)        |                                                                     |
| Facility Name            | Oxford Tull C Allen WWTP                                            |                                       |                                                                     |
| Previous Discharger Name | Oxford                                                              | Or- AKA (includes previous file name) |                                                                     |
| 11 Digit HUC Code        | 03150106250                                                         |                                       |                                                                     |
| 12 Digit HUC Code        | 031501060607                                                        |                                       |                                                                     |
| River Basin              | Coosa                                                               | Print Record                          | Close Form                                                          |
| County                   | Talladega                                                           |                                       |                                                                     |
| Use Classification       | F&W                                                                 | Date of WLA Response                  | 8/10/2007                                                           |
| Discharge Latitude       | 33.58021                                                            | Lat/Long Method                       | Arcview                                                             |
| Discharge Longitude      | -85.91541                                                           | Approved TMDL?                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Site Visit Completed?    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Approval Date of TMDL                 |                                                                     |
| Date of Site Visit       | 8/1/2007                                                            |                                       |                                                                     |
| Waterbody Impaired?      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                                       |                                                                     |
| Antidegradation          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                       |                                                                     |
| Waterbody Tier Level     | Tier I                                                              | Permit Information                    |                                                                     |
| Use Support Category     | 5                                                                   | Permit Number                         | AL0058408                                                           |
| Other Point Sources?     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Permit Status                         | Active                                                              |

### Sources Included in Model

Anniston Choccolocco WWTP  
NGC Industries, Inc. WWTP  
Anniston Army Depot WWTP

### Type of Discharger

- ☒ Municipal  
☐ Industrial  
☐ Semipublic/Private  
☐ Mining

## Waste Load Allocation Information

|                         |                      |       |                    |           |
|-------------------------|----------------------|-------|--------------------|-----------|
| Modeled Reach Length    | 30.17                | Miles | Date of Allocation | 8/9/2007  |
| Name of Model Used      | SWQM                 |       | Allocation Type    | 2 Seasons |
| Model Completed by      | David Thompson       |       | Type of Model Used | Desk-top  |
| Allocation Developed by | Water Quality Branch |       |                    |           |



# Waste Load Allocation Summary

| Annual Effluent Limits | Conventional Parameters |        |     |      | Other Parameters |        |      |  |         |  |     |  |         |  |     |  |
|------------------------|-------------------------|--------|-----|------|------------------|--------|------|--|---------|--|-----|--|---------|--|-----|--|
|                        | Qw                      | 4.9    | MGD |      | Qw               | 4.9    | MGD  |  | Qw      |  | MGD |  | Qw      |  | MGD |  |
|                        | Season                  | Summer |     |      | Season           | Winter |      |  | Season  |  |     |  | Season  |  |     |  |
|                        | From                    | May    |     |      | From             | Dec    |      |  | From    |  |     |  | From    |  |     |  |
|                        | Through                 | Nov    |     |      | Through          | Apr    |      |  | Through |  |     |  | Through |  |     |  |
| CBOD5                  |                         | CBOD5  | 8   | mg/L | CBOD5            | 25     | mg/L |  | TP      |  |     |  | TP      |  |     |  |
| NH3-N                  |                         | NH3-N  | 1   | mg/L | NH3-N            | 20     | mg/L |  | TN      |  |     |  | TN      |  |     |  |
| TKN                    |                         | TKN    |     |      | TKN              |        |      |  | TSS     |  |     |  | TSS     |  |     |  |
| D.O.                   |                         | D.O.   | 6   | mg/L | D.O.             | 6      | mg/L |  |         |  |     |  |         |  |     |  |

| "Monitor Only" Parameters for Effluent: | Parameter | Frequency | Parameter | Frequency |
|-----------------------------------------|-----------|-----------|-----------|-----------|
|                                         |           |           |           |           |
|                                         |           |           |           |           |
|                                         |           |           |           |           |

## Water Quality Characteristics Immediately Upstream of Discharge

| Parameter   | Summer                    | Winter                    |
|-------------|---------------------------|---------------------------|
| CBODu       | <input type="text"/> mg/l | <input type="text"/> mg/l |
| NH3-N       | <input type="text"/> mg/l | <input type="text"/> mg/l |
| Temperature | <input type="text"/> °C   | <input type="text"/> °C   |
| pH          | <input type="text"/> su   | <input type="text"/> su   |

## Hydrology at Discharge Location

| Drainage Area Qualifier | Drainage Area  | 251   | sq mi | Method Used to Calculate       |
|-------------------------|----------------|-------|-------|--------------------------------|
| Exact                   | Stream 7Q10    | 45    | cfs   | ADEM Estimate w/USGS Gage Data |
|                         | Stream 1Q10    | 33.75 | cfs   | 75% of 7Q10                    |
|                         | Stream 7Q2     | 72    | cfs   | ADEM Estimate w/USGS Gage Data |
|                         | Annual Average | 377   | cfs   | ADEM Estimate w/USGS Gage Data |

Comments and/or Notations

If comments are made, check the "yes" box at the top of page one.

**Pearce, Jennifer**

---

**From:** wc5665@epa.gov  
**Sent:** Tuesday, November 25, 2014 11:02 AM  
**To:** Phillips, David; Armor, Suzanne  
**Subject:** Oxford 308 response  
**Attachments:** DOC001.PDF

Please open the attached document. It was scanned and sent to you using a Xerox WorkCentre.

Attachment File Type: PDF

WorkCentre Location: 15th Floor 15T18  
Device Name: R4\_1508\_XEROX5665

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PHONE (256) 831-5618 • FAX (256) 831-9063  
P. O. BOX 3663 • 600 BARRY STREET • OXFORD, AL 36203



November 18, 2014

Mr. David Phillips  
U.S. Environmental Protection Agency, Region 4  
Clean Water Enforcement Branch  
61 Forsyth Street, S.W.  
Atlanta, GA 3030-8960

2014 NOV 24 10:37 CWE

RE: Information Request – Section 308 of the Clean Water Act  
Oxford Tull C. Allen Wastewater Treatment Plant  
National Pollutant Discharge Elimination System Permit No. AL0058408

Dear Mr. Phillips:

In response to the Information Request received on September 29, 2014, the Oxford Water Works and Sewer Board provides the following information.

**Question 1:**

The timeline of the interference which the facility has experienced due to non-domestic discharges from Kronospan since December 2012 is detailed below.

Oxford Water Works & Sewer Board has requested phone calls and/or text messages when Kronospan's pre-treatment system is not working. Oxford has received text messages in some instances when this occurs, but not all of the time. Oxford received a text message on the following dates notifying the WWTP that Kronospan's belt press was down:

7/30/13, 8/5/13, 8/29/13, 9/2/13, 9/5/13, 9/13/13, 9/24/13, 9/25/13, 10/14/13, 10/17/13, 10/18/13, 10/30/13, 11/1/13, 11/6/13, 1/29/14, 2/12/14, 2/16/14, 3/10/14. Video and a photograph of the hourly composite samples pulled from March 10, 2014 (a particularly heavy solids day) are available in the file [Info Question 1](#). Most of these occurrences have lasted only a few hours and WWTP personnel were able to divert some of the Kronospan flow to the equalization basin.

However, without proper notice, the high solids waste can cause major disruption to the wastewater plant over time. From December 2013 through March 2014 (see [Hwy 202 LS Data Question 3](#) on cd-rom), the average TSS the WWTP received from Kronospan was 1,340 mg/l. On December 13, 2013, the maximum TSS value in the hourly composite sampler was 54,630 mg/l. While this was not a specific pass through event, the high TSS values for that extended period has caused issues with oxygen levels, lower BOD removal, and increased solids handling. Solids handling from October 2013 to September 2014 (Oxford's Fiscal calendar year) were \$266,615.51, whereas the average yearly haul cost for years 2005-2008 was \$46,791.88 (see [Hauling Costs spreadsheet](#) on cd-rom under the [Info Question 1 File](#)).

One of the Flygt pumps in the Highway 202 lift station stopped working due to Kronospan waste in March 2014. This lift station has had one of the pumps and both sets of seals replaced previously due to the high strength, high solids and high temperature waste from Kronospan. Oxford Water Works & Sewer Board invoiced Kronospan \$23,563 for the pump on May 15, 2014. On July 15, 2014, Kronospan

said they would provide the replacement pump for the lift station. As of November 12, 2014, Kronospan stated that the pump is currently on its way with an arrival date of December 2, 2014. Copies of the pump invoices are in the file named Info Question 1.

**Question 2:**

Attached is the monthly monitoring summary of Oxford WWTP's permitted effluent limits for July, August and September 2014 in Excel format. This file is on the compact disc as Excel File EPA Question 2. Also included are pdf files with operational WWTP data for those corresponding months under the file folder Effluent Data Question 2.

As a side note, Oxford WWTP has separated the wastestream of Kronospan again with a portion of their flow going into the equalization basin prior to being introduced into the wastewater treatment facility. With modifications we have made to our plant over the past year and diverting approximately one third to one half of Kronospan's wastestream into the equalization basin first, we have been able to consistently meet our effluent limits since October 15, 2014.

**Question 3:**

Attached is the isolated sampling done at the Highway 202 lift station and/or Kronospan manhole (specified) from December 2012 to the present. Some days when the sampler was not working or Oxford did not have enough manpower to test hourly samples, only the summary data from the composite sample is recorded. This file is on the compact disc as Excel File EPA Question 3. The values that exceed the 600 mg/l TSS SID limit are highlighted in yellow. Also, the testing results for formaldehyde along with pictures of the hourly samples from the Highway 202 lift station are located in the file called Hwy 202 LS Data Question 3.

**Question 4:**

A list of all non-domestic users is attached on the compact disc as Excel File EPA Question 4. Please refer to the two different tabs in the spreadsheet to differentiate between industrial and non-domestic users split by billing category.

**Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Wayne Livingston, General Manager  
Oxford Water Works and Sewer Board



Pearce, Jennifer

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**From:** Phillips, David  
**Sent:** Thursday, July 31, 2014 11:44 AM  
**To:** Ramsey, S Scott  
**Cc:** Armor, Suzanne; Horsey, Maurice  
**Subject:** Oxford Pretreatment Plan / Local Limits Justification

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

**Categories:** Record Saved - Shared

Scott,

Thanks for sending the Pretreatment Plan that Oxford WSSB submitted under its ADEM UO. We have some concerns with the sufficiency of the Plan to accomplish compliance, for which ADEM will want to require Oxford to modify the plan per the terms of the UO. Do you have a MS Word version of the Plan available that you can send me, so we can provide you our edits and comments directly in the document?

Regarding the technical justification for the local limits, most of the input figures do not have a detailed explanation/presentation of their source data or deriving calculations that are necessary to evaluate the validity of outputs in the spreadsheet cell formulas. Examples include the source of the POTW removal efficiencies and most flows, including justification for zero domestic loadings, but there are others.

Also, the local limits calculations should be present for all pollutants of concern, and not just metals. OWWB has proposed limits for a number of other pollutants that should be included in the technical justification document. Consequently, I think ADEM will want to have OWSSB resubmit that justification with all this missing information added so the accuracy of the limits can be verified.

**David R. Phillips**

14-562-9773

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**From:** Ramsey, S Scott [mailto:SRamsey@adem.state.al.us]  
**Sent:** Wednesday, July 30, 2014 2:30 PM  
**To:** Phillips, David  
**Subject:**





**Pearce, Jennifer**

---

**From:** Holt, Wayne A <WHolt@adem.state.al.us>  
**Sent:** Thursday, August 15, 2013 10:35 AM  
**To:** Jones, Laurie  
**Cc:** Armor, Suzanne; Phillips, David; Anderson, Emily D; Lee, Sandra  
**Subject:** RE: ADEM - NPDES Public Notice for August 2013  
**Attachments:** RE: ADEM - NPDES Public Notice for July 2013  
  
**Categories:** Record Saved - Shared

Good morning Laurie,

The Oxford permit went to public notice July 17. The P/N as well as the links to the draft permit are in the attached email.

Wayne Holt  
Industrial Water  
ADEM  
334-271-7847

**From:** Jones, Laurie [mailto:JONES.LAURIE@EPA.GOV]  
**Sent:** Thursday, August 15, 2013 7:42 AM  
**To:** Holt, Wayne A  
**Cc:** Armor, Suzanne; Phillips, David  
**Subject:** RE: ADEM - NPDES Public Notice for August 2013

Hi Wayne,

as ADEM posted the public notice for the draft permit for Oxford (AL0058408)? If so can you send us the link? Thanks!

Laurie Jones  
Environmental Engineer  
Municipal and Industrial NPDES Enforcement Section  
Clean Water Enforcement Branch  
Region 4 EPA  
Phone: (404) 562-9201

**CONFIDENTIALITY NOTICE:** This message and any attachments from the U.S. Environmental Protection Agency may contain CONFIDENTIAL and legally protected information. If you are not the addressee or intended recipient, please do not read, print, copy, use or disclose this communication to others; also, please notify the sender by replying to this message, and then delete it from your system.

**From:** Holt, Wayne A [mailto:WHolt@adem.state.al.us]  
**Sent:** Wednesday, August 14, 2013 4:56 PM  
**To:** Holt, Wayne A; Nuhfer, Mark; Shell, Karrie-Jo  
Thomas, Alicia; Jones, Laurie; Rayfield, Dorothy; Ramsey, S Scott  
**Subject:** RE: ADEM - NPDES Public Notice for August 2013

Karrie-Jo and Mark,

Previously the Department provided the below noted permits for EPA review pursuant to Section IV.B.1-3. of the State of Alabama/EPA Memorandum of Agreement, April 11, 2008. These permits have been prepared for public notice which began on August 14, 2013. Below is the official public notice. The link to the website with the public notice permit documents is:

<http://www.adem.state.al.us/newsEvents/notices/aug13/8npdes.htm>

Please respond verifying your receipt of this message.

Thank You,  
Wayne Holt  
Industrial Section  
Water Division  
(334) 271-7847



Mission: Assure for all citizens of the state a safe, healthful and productive environment

#### **PUBLIC NOTICE - 210**

#### **ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

#### **NOTICE OF APPLICATION FOR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT FOR DISCHARGE INTO WATERS OF THE STATE OF ALABAMA AND REQUEST FOR COMMENTS**

#### **NPDES NOTICE - August 14, 2013**

The following applicants have applied for an NPDES permit to discharge treated wastewater into waters the State of Alabama:

#### **INDUSTRIAL FACILITIES**

##### **HENRY COUNTY**

**Great Southern Wood Preserving, Inc.**, P.O. Box 610, Abbeville, AL, 36310, **NPDES Permit Number AL0065510**, located at 1100 Highway 431 North, Abbeville, AL, for re-issuance of the existing permit for discharges resulting from storm water runoff associated with lumber and wood products including wood treating using a copper or borate based preservative, discharging through DSN001-DSN002 into an Unnamed Tributary to Poor Creek, classified as Fish & Wildlife, in the Choctawhatchee River Basin.

##### **MOBILE COUNTY**

**Denbury Onshore, LLC**, **NPDES Permit Number AL0066915**, located on 8055 Joy Street, Citronelle, Alabama 36522, for re-issuance of the existing permit for discharge of stormwater runoff drained from tank battery areas associated with oil and gas exploration activities, through outfalls DSN002 - 007, DSN009, DSN010, DSN012 - 019, DSN021, DSN022, DSN024 - 026 and DSN028 - 031, and the existing discharge of stormwater drained from salt water disposal areas associated with oil and gas exploration activities through outfalls DSN001, DSN008, DSN011, DSN020, DSN023 and DSN027. Outfall DSN001 discharges to Beaver Pond Branch, DSN002 and DSN005 discharge to an unnamed tributary to Beaver Pond Branch, DSN003 and DSN011 discharge to an unnamed tributary to Citronelle Branch, DSN004 discharge to an unnamed tributary to Pond Branch, DSN006 and DSN007 discharge to Sandy Ford Branch, DSN008 and DSN011



DSN020 discharge to Puppy Creek, DSN009 and DSN013 discharge to Cedar Creek, DSN010, DSN012, DSN014, DSN016 and DSN024 discharge to an unnamed tributary to Cedar Creek, DSN015 discharges to Little Creek, DSN021 discharges to an unnamed tributary to Puppy Creek, DSN022 discharges to an unnamed tributary to Chickasaw Creek, DSN023 and DSN025 - 031, discharge to an unnamed tributary to Little Creek. All streams classified as Fish & Wildlife and are located in the Mobile River Basin.

**Union Oil Company of California (Chunchula Gas Plant) NPDES Permit Number AL0064360**, located on 12303 Roberts Road, Chunchula, Alabama 36521, for re-issuance of the existing permit for discharges of stormwater associated with natural gas processing through outfalls DSN001- DSN003. All outfalls discharge to an unnamed tributary to Log Creek, classified as Fish and Wildlife and located in the Mobile River Basin.

## **MORGAN COUNTY**

**Linde Gas North America LLC, NPDES Permit Number AL0072044**, located at 900 Linde Avenue Decatur, Alabama 5601, for a modification of the existing permit for discharges resulting from utility wastewater, cooling water, boiler blowdown, steam condensate, and stormwater runoff associated with the production of hydrogen gas and liquid carbon dioxide discharging through outfall DSN001 into Betty Rye Branch, classified as Fish & Wildlife, in the Tennessee River Basin; stormwater runoff from process and non-process areas associated with the production of hydrogen gas and liquid carbon dioxide discharging through outfall DSN002 into Betty Rye Branch, classified as Fish & Wildlife, in the Tennessee River Basin.

**Ucor Steel Decatur LLC, NPDES Permit Number AL0070068**, located at 4301 Iverson Boulevard, Decatur, Alabama 5673, for re-issuance of the existing permit for discharges resulting from stormwater runoff from the coil yard and storm water runoff associated with the manufacture of hot rolled steel discharging through outfall DSN001 into an unnamed tributary to the Tennessee River, classified as Fish & Wildlife, in the Tennessee River Basin; stormwater runoff from the scrap yard, north and south scarp bays, and slag yards associated with the manufacture of hot rolled steel and non-contact blowdown discharging through outfall DSN002 into an unnamed tributary to the Tennessee River, classified as Fish & Wildlife, in the Tennessee River Basin; stormwater runoff associated with the manufacture of hot rolled steel discharging through outfall DSN003 into an unnamed tributary to the Tennessee River, classified as Fish & Wildlife, in the Tennessee River Basin; stormwater runoff associated with the loading and unloading of rail cars and barges discharging through outfall DSN004 into the Tennessee River, classified as Public Water Supply, Swimming, and Fish & Wildlife in the Tennessee River Basin; stormwater runoff from equipment storage area discharging through outfall DSN006 into an unnamed tributary to the Tennessee River, classified as Fish & Wildlife, in the Tennessee River Basin; stormwater runoff, non-contact cooling water blowdown, reverse osmosis concentrate, softener backwash, and carbon filter backwash discharging through outfall DSN007 into an unnamed tributary to the Tennessee River, classified as Fish & Wildlife, in the Tennessee River Basin; stormwater runoff from office, and fuel tank storage areas discharging through outfall DSN008 into an unnamed tributary to the Tennessee River, classified as Fish & Wildlife, in the Tennessee River Basin; stormwater runoff from truck parking area discharging through outfall DSN010 into an unnamed tributary to the Tennessee River, classified as Fish & Wildlife, in the Tennessee River Basin; stormwater runoff, non-contact cooling water blowdown, reverse osmosis concentrate, softener backwash, and carbon filter backwash discharging through outfall DSN011 into an unnamed tributary to the Tennessee River, classified as Fish & Wildlife, in the Tennessee River Basin; stormwater runoff associated with the manufacture of hot rolled steel discharging through outfall DSN012 into an unnamed tributary to the Tennessee River, classified as Fish & Wildlife, in the Tennessee River Basin; stormwater runoff associated with the manufacture of hot rolled steel discharging through outfall DSN013 into an unnamed tributary to the Tennessee River, classified as Fish & Wildlife, in the Tennessee River Basin.

## **WALKER COUNTY**

**Plastics Recycling Division, P. O. Drawer 707, Troy, AL, 36081, NPDES Permit Number AL0079715**, located at 279 Walker County Lake Road, Troy, AL, for re-issuance of the existing permit for discharges resulting from storm water runoff associated with plastic recycling process areas, discharging through DSN002 into an Unnamed Tributary to Big Creek, classified as Fish & Wildlife, in the Choctawhatchee River Basin.



**Sanders Lead Company Inc./Wiley Sanders Trucklines, Inc.**, P. O. Drawer 707, Troy, AL, 36081, **NPDES Permit Number AL0066052**, located at 100 Sanders Road, Troy, AL, for re-issuance of the existing permit for discharges resulting from storm water runoff from maintenance areas and roof drains from the lead smelting plant, discharging through DSN003 into Double Branch, classified as Fish & Wildlife, in the Choctawhatchee River Basin, and storm water from non-process portions of the lead smelting operation, the wastewater treatment area, capped RCRA units, trailer parking, equipment storage and the truck maintenance area, discharging through DSN004 into Unnamed Tributary to Big Creek, classified as Fish & Wildlife, in the Choctawhatchee River Basin.

## **MINERAL EXTRACTION FACILITIES**

### **CULLMAN COUNTY**

**Evergreen Mining, LLC - Cold Springs West Mine**, 1000 Urban Center Drive, Suite 300, Vestavia Hills, Alabama 35242, **NPDES Permit No. AL0078662**, located on County Road 53, Bremen, for reissuance and modification of a permit that limits discharges from coal mining operations and associated areas, discharging to Parker Branch, Blevins Hollow, unnamed tributaries to Blevins Hollow, and unnamed tributaries to Sipsey Fork of the Black Warrior River, classified as Fish and Wildlife, and to Sipsey Fork of the Black Warrior River, classified as Public Water Supply, all in the Black Warrior River Basin.

### **HENRY COUNTY**

**Carbo Ceramics, Inc. - Carbo-Bell Bauxite Pit**, 36 Arch Drive, Eufaula, Alabama 36027, **NPDES Permit No. AL0082171**, located on County Road 86, Abbeville, for initial issuance of a permit that limits discharges of treated drainage from a bauxite clay mine and associated areas, discharging to Groundwater and to an unnamed tributary to Billy's Branch, classified as Fish and Wildlife in the Chattahoochee River Basin.

**Mullite Company of America dba Eufaula Minerals - JL Corbitt Pit 1**, 377 Highway 131, Eufaula, Alabama 36072, **NPDES Permit No. AL0082163**, located on County Road 207, Eufaula, for an initial issuance of a permit that limits discharges of treated drainage from a bauxite clay mine and associated areas, discharging to Groundwater and to an unnamed tributary to Piney Woods Creek, classified as Fish and Wildlife in the Choctawhatchee River Basin.

### **WALKER COUNTY**

**Quality Coal Co., Inc. - Dixie Mine**, Post Office Box 2705, Jasper, Alabama 35502, **NPDES Permit No. AL0071081**, located at 17405 Alabama Highway 69 South, Jasper, for reissuance of a permit that limits discharges of treated drainage from coal mining operation and associated areas, discharging to an unnamed tributary to Cane Creek, unnamed tributary to Rocky Branch, and Rocky Branch, all classified as Fish and Wildlife in the Warrior River Basin.

## **PUBLIC, SEMI-PUBLIC AND PRIVATE FACILITIES**

### **CULLMAN COUNTY**

**Integra Water Vinemont, LLC**, Post Office Box 10127, Birmingham, AL 35202, **NPDES Permit Number AL0075523**, for issuance of a permit which limits the discharge of pollutants from treated domestic wastewater from **South Vinemont WWTP**, 36 Patton Drive, Cullman, AL 35179, for the purpose of meeting federal and state water quality regulatory standards. The subject permit regulates the discharge of treated wastewater to groundwater and stormwater runoff to an Unnamed Tributary to Price Creek, which is classified as Fish & Wildlife, in the Black Warrior River Basin.

### **DALLAS COUNTY**

**South Dallas Water Authority**, Post Office Box 40, Sardis, AL 36775, **NPDES Number Permit Number AL0079669**, for issuance of a permit which limits the discharge of pollutants from filter backwash from **South Dallas Water Authority**



**Treatment Plant**, Dallas County Road 471, Sardis, AL 36775, for the purpose of meeting federal and state water quality regulatory standards. The subject permit regulates the discharge of filter backwash to Soapstone Creek, classified as Fish & Wildlife, in the Alabama River Basin.

## **JACKSON COUNTY**

**Town of Woodville**, Post Office Box 94, Woodville, AL 35776, , **NPDES Permit Number AL0060526**, for revoke and re-issuance of a permit which limits the discharge of pollutants from treated domestic wastewater from **Woodville WWTP**, 29923 Highway 35, Woodville, AL 35776, for the purpose of meeting federal and state water quality regulatory standards. The subject permit regulates the discharge of treated wastewater to Yellow Creek, which is classified as Fish & Wildlife, in the Tennessee River Basin.

## **JEFFERSON COUNTY**

**WWC Services, Inc**, 728 Volare Drive, Birmingham, AL 35244, **NPDES Permit Number AL0051161**, for re-issuance of a permit which limits the discharge of pollutants from treated domestic wastewater from **Bottenfield Junior High School Lagoon**, 400 Hillcrest Road, Adamsville, AL 35005, for the purpose of meeting federal and state water quality regulatory standards. The subject permit regulates the discharge of treated wastewater to Unnamed Tributary to Prudes Creek, which is classified as Fish & Wildlife, in the Black Warrior River.

**WWC Services, Inc**, 728 Volare Drive, Birmingham, AL 35244, **NPDES Permit Number AL0051195**, for re-issuance of a permit which limits the discharge of pollutants from treated domestic wastewater from **Johnson Elementary School Lagoon**, 8300 Kermit Johnson Road, Pinson, AL 35126, for the purpose of meeting federal and state water quality regulatory standards. The subject permit regulates the discharge of treated wastewater to Unnamed Tributary to Self Creek, which is classified as Fish & Wildlife, in the Black Warrior River.

**cCalla Wastewater Treatment Systems, LLC**, 1370 Essex Manor Circle, Birmingham, AL 35209, **NPDES Permit Number 0082112**, initial issuance of a permit which limits the discharge of pollutants from treated domestic wastewater from **cCalla Wastewater Treatment System**, 4424 Staggs Drive, Bessemer, AL 35022, for the purpose of meeting federal and state water quality regulatory standards. The subject permit regulates the discharge of treated wastewater to Prudes Creek, which is classified as Fish & Wildlife, in the Cahaba River Basin.

## **JEFFERSON COUNTY**

**Jefferson County Water and Sewer Authority**, Post Office Box 110, Athens, AL 35612, **NPDES Permit Number 0056545**, for revoke and re-issuance of a permit which limits the discharge of pollutants from treated domestic and industrial wastewater from **Elkmont Rural Village WWTP**, Sycamore Lane, Elkmont, AL 35620, for the purpose of meeting federal and state water quality regulatory standards. The subject permit regulates the discharge of treated domestic and industrial wastewater to Sulphur Creek, which is classified as Fish & Wildlife, in the Tennessee River Basin.

## **JEFFERSON COUNTY**

**Huntsville Utilities**, Post Office Box 2048, Huntsville, AL 35804, **NPDES Permit Number AL0063908**, for modification of a permit which limits the discharge of pollutants from filter backwash from **Dallas-Lincoln WTP**, 140 Neely Avenue, Huntsville, AL 35801, for the purpose of meeting federal and state water quality regulatory standards. The subject permit regulates the discharge of filter backwash to Dallas Branch, classified as Fish & Wildlife, in the Tennessee River.

## **JEFFERSON COUNTY**

**City of Springville**, Post Office Box 919, Springville, AL 35146, **NPDES Permit Number AL0050903**, for re-issuance of a permit which limits the discharge of pollutants from treated domestic wastewater from **Springville Lagoon**, 1342 Alabama Highway 174, Springville, AL 35146, for the purpose of meeting federal and state water quality regulatory



standards. The subject permit regulates the discharge of treated wastewater to Little Canoe Creek, classified as Fish & Wildlife, in the Coosa River Basin.

The Department has tentatively determined that the proposed actions described in this notice are consistent with the Water Quality Rules and Regulations; and are consistent with the Department's Anti-degradation Rules; and for those in the coastal area, are consistent with the Alabama Coastal Management Program.

Copies of the draft permits, conditions, limitations and a fact sheet as applicable describing the methodology for setting the limitations and conditions and other applicable NPDES forms and related documents are available for public inspection electronically via <http://adem.alabama.gov/newsEvents/publicNotices.cnt>, and at the following location Monday - Friday (except legal holidays), 8:00 am to 5:00 pm. A nominal fee for copying and/or mailing may be charged. Arrangements for copying should be made in advance.

**Russell A. Kelly, Chief**

**Permits and Services Division**

**ADEM**

**1400 Coliseum Blvd. 36110-2400**

**[Mailing address: PO Box 301463; Zip 36130-1463]**

**Montgomery, Alabama**

Persons wishing to comment may do so, in writing, to the Department's named contact above within 30 days following the publication date of this notice. **COMMENTERS SHOULD IDENTIFY THE APPROPRIATE NPDES NUMBER ON THE FIRST PAGE OF THEIR COMMENTS.** In order to affect final decisions, comments must offer technically substantial information that is applicable to the proposed permit.

A written request for a public hearing may also be filed within that 30-day period and must state the nature of the issue proposed to be raised in the hearing. The Director shall hold a public hearing whenever it is found, on the basis of hearing requests, that there exists a significant degree of public interest in the permit application or draft permit. The Director may also hold a hearing if he determines that it would clarify one or more issues involved in the permit decision.

After consideration of all written comments, review of any public hearing record, and consideration of the requirements of the Alabama Water Pollution Control Act, the Federal Water Pollution Control Act and applicable regulations, the Department will make a final determination. The Department will develop a response to comments, which will become part of the public record and will be available to persons upon request. Notice will be sent to any person requesting notice of the final action.

The Department maintains a list of interested individuals who are mailed legal notices regarding proposed permits. If you wish to receive such notices, contact the Permits & Services Division via telephone (334) 271-7714, e-mail ([permitsmail@adem.state.al.us](mailto:permitsmail@adem.state.al.us)), or postal service (P.O. Box 301463, Montgomery, AL 36130-1463).

This notice is hereby given this **August 14, 2013**, by authorization of the Alabama Department of Environmental Management.

Lance R. LeFleur

Director





Pearce, Jennifer

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From: Holt, Wayne A <WHolt@adem.state.al.us>  
Sent: Thursday, July 18, 2013 11:24 AM  
To: Nuhfer, Mark; Shell, Karrie-Jo  
Cc: Thomas, Alicia; Jones, Laurie; Rayfield, Dorothy  
Subject: RE: ADEM - NPDES Public Notice for July 2013

Karrie-Jo and Mark,

Previously the Department provided the below noted permits for EPA review pursuant to Section IV.B.1-3. of the State of Alabama/EPA Memorandum of Agreement, April 11, 2008. These permits have been prepared for public notice which began on July 17, 2013. Below is the official public notice. The link to the website with the public notice permit documents is:

<http://www.adem.state.al.us/newsEvents/notices/jul13/7npdes.htm>

Please respond verifying your receipt of this message.

Thank You,  
Wayne Holt  
Industrial Section  
Water Division  
(34) 271-7847



*Mission: Assure for all citizens of the state a safe, healthful and productive environment*

#### **PUBLIC NOTICE - 210**

#### **ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

#### **NOTICE OF APPLICATION FOR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT FOR DISCHARGE TO WATERS OF THE STATE OF ALABAMA AND REQUEST FOR COMMENTS**

**NPDES NOTICE July 17, 2013**

The following applicants have applied for an NPDES permit to discharge treated wastewater into waters of the State of Alabama:

#### **INDUSTRIAL FACILITIES**

##### **DADEMON COUNTY**

**Western International Gas & Cylinders, Inc., NPDES Permit Number AL0081957**, 13 Sayreton Drive, Birmingham, AL 35207, for initial issuance of a permit for discharges resulting from storm water associated with the manufacture, transfer, and storage of acetylene, discharging through outfalls DSN001 and DSN002 to an unnamed tributary to Village Creek, classified as Fish & Wildlife, in the Black Warrior River Basin.

## MOBILE COUNTY

**Akzo Nobel Functional Chemicals, LLC, NPDES Permit Number AL0001961**, located on 13440 U.S. Highway 43 North, Axis, Alabama 36505, for re-issuance of the existing permit for the discharge of process wastewater, sanitary and utility wastewater, groundwater and stormwater from process areas through outfall DSN001; storm water runoff from the north facility and Crystex® plant area discharging through outfall DSN002; storm water runoff from Sulfur Chlorides area, former Chlorine plant area, former brine mud surge tank and brine mud pond areas discharging through outfalls DSN003 – DSN007; storm water runoff from sandblasting and sand storage areas, acid plant, administrative building, plant rail spur and entrance road areas discharging through outfalls DSN008 – DSN011. Outfall DSN001 discharges to the Mobile River, classified as Fish & Wildlife. DSN002 through DSN011 discharge to an Unnamed Tributary to Cold Creek, classified as Fish & Wildlife. All streams are in the Mobile River Basin.

## MORGAN COUNTY

**Alabama Farmers Cooperative Inc, NPDES Permit Number AL0079642**, located at 800 Market Street, Decatur, Alabama 35609, for re-issuance of the existing permit for discharges resulting from stormwater runoff associated with the storage and distribution of liquid fertilizer, feeds, seeds, agricultural chemicals, farm supplies, and lawn and garden products, discharging through outfalls DSN001, DSN002, DSN003, and DSN004 into the Tennessee River, classified as Public Water Supply, Swimming, and Fish & Wildlife, in the Tennessee River Basin.

## MINERAL EXTRACTION FACILITIES

### BIBB, SHELBY, AND TUSCALOOSA COUNTIES

**Saga Resource Partners, LLC - Cahaba Coalbed Methane Project**, 600 17<sup>th</sup> Street, Suite 1700 North, Denver, Colorado 80202, **NPDES Permit No. AL0076252**, located on Cooper Boyd Road in Cottondale, for reissuance of a permit that limits discharges of treated drainage from a coalbed methane operation and associated areas, discharging to Holt Lake on the Black Warrior River, classified as Swimming and Other Whole Body Water-Contact Sports and Fish and Wildlife, in the Black Warrior River Basin.

### BULLOCK COUNTY

**U.S. Silica Company - Morton Mine Site**, 8490 Progress Drive, Suite 300, Frederick, Maryland 21701, **NPDES Permit Number AL0064203**, located on Highway 51 South, Hurtsboro, for reissuance of a permit that limits discharges of treated drainage from an industrial sand mine and associated areas, discharging to Groundwater and to Norton Creek, classified as Fish and Wildlife in the Chattahoochee River Basin.

### FAYETTE AND WALKER COUNTIES

**Prospect Mining & Development Co., Inc. - Carbon Hill Mine**, 218 Highway 195 North, Jasper, Alabama 35503, **NPDES Permit Number AL0079553**, located on County Road 63 in Carbon Hill, for reissuance of a permit that limits discharge of treated drainage from a coal mining operation, coal preparation plant, and associated areas, discharging to Cranford Creek and to unnamed tributaries to Cranford Creek, all classified as Fish and Wildlife, in the Black Warrior River Basin.

### JEFFERSON COUNTY

**Drummond Company, Inc. - Chetopa Mine**, Post Office Box 1549, Jasper, Alabama 35502, **NPDES Permit Number AL0003379**, located on Lynns Crossing Road, Graysville, for reissuance of a permit that limits discharges of treated drainage from a coal mining operation and associated areas, discharging to Cane Creek and to unnamed tributaries of Cane Creek, all classified as Fish and Wildlife, in the Black Warrior River Basin.



**Company, Inc. - Knob Mine**, Post Office Box 1549, Jasper, Alabama 35502, **NPDES Permit Number AL0024287**, located on Knob Mine Road in Warrior, for reissuance and modification of a permit that limits discharges of treated drainage from a coal mining operation and associated areas, discharging to Locust Fork of the Black Warrior River and Campbell Creek, both classified as Fish and Wildlife, in the Black Warrior River Basin.

**Energen Resources Corporation - Virginia Mines**, 605 Richard Arrington, Jr. Blvd. North, Birmingham, AL 35203, **NPDES Permit No. AL0060771**, located on Valley Ford Road, North Johns, AL, for reissuance of a permit that limits discharges of treated drainage from a Coalbed Methane Operation and associated areas, discharging to Valley Creek, Classified as Fish and Wildlife in the Black Warrior River Basin.

#### **RANDOLPH COUNTY**

**Wadley Crushed Stone Company, LLC - Wadley Quarry**, 30 Spring Mist Court, Newnan, GA 30265, **NPDES Permit No. AL0079456**, located at 874 County Road 838, Wadley, AL, for reissuance of a permit that limits discharges of treated drainage from a wet preparation crushed stone mine and associated areas, discharging to Groundwater, and to the Tallapoosa River, and to unnamed tributaries to the Tallapoosa River, Classified as Fish and Wildlife, in the Tallapoosa River Basin.

#### **TUSCALOOSA COUNTY**

**Jim Walter Resources, Inc. - Mine No. 5**, 16243 Highway 216, Brookwood, AL 35444, **NPDES Permit No. AL0029475**, located at 12972 Lock 17 Road, Brookwood, AL 35444, for reissuance and modification of a permit that limits discharges of treated drainage from an underground new source coal mine, coal preparation plant, and associated areas, discharging to an unnamed tributary to Daniel Creek, an unnamed tributary to Hannah Mill Creek, an unnamed tributary of North Fork Hurricane Creek, and Jimmy Creek; all classified as Fish and Wildlife, in the Warrior River Basin.

#### **WINSTON COUNTY**

**National Coal of Alabama, Inc. - Hickory Grove Mine**, 1810 Birmingham Avenue, Suite 101, Jasper, Alabama 35501, **NPDES Permit Number AL0074934**, located at 5000 County Road 8 in Double Springs, for reissuance and modification of a permit that limits discharges of treated drainage from a coal mining operation and associated areas, discharging to Big Bear Branch, Coon Creek, and to unnamed tributaries to Coon Creek, all classified as Fish and Wildlife, in the Black Warrior River Basin.

### **PUBLIC, SEMI-PUBLIC AND PRIVATE FACILITIES**

#### **HELBY COUNTY**

**Town of Wilsonville**, Post Office Box 70, Wilsonville, AL 35186, **NPDES Permit Number AL0021491**, for re-issuance of a permit which limits the discharge of pollutants from treated domestic wastewater from **Wilsonville WWTP**, R.R. Siding Road, Wilsonville, AL 35186, for the purpose of meeting federal and state water quality regulatory standards. The subject permit regulates the discharge of treated wastewater to Unnamed Tributary to Dry Branch, which is classified as Fish & Wildlife, in the Coosa River Basin.

#### **LLADEGA COUNTY**

**Oxford Water Works and Sewer Board**, Post Box 3663, Oxford, AL 36203, **NPDES Number AL0058408**, for re-issuance of a permit which limits the discharge of pollutants from treated domestic wastewater and storm water runoff from **Oxford Tull C. Allen WWTP**, 2975 Silver Run Road, Oxford, AL 36203, for the purpose of meeting federal and state water quality regulatory standards. The subject permit regulates the discharge of treated wastewater to Choccolocco Creek, classified as Fish & Wildlife, in the Coosa River Basin.



The Department has tentatively determined that the proposed actions described in this notice are consistent with the Water Quality Rules and Regulations; and are consistent with the Department's Anti-degradation Rules; and for those in the coastal area, are consistent with the Alabama Coastal Management Program.

Copies of the draft permits, conditions, limitations and a fact sheet as applicable describing the methodology for setting the limitations and conditions and other applicable NPDES forms and related documents are available for public inspection electronically via <http://adem.alabama.gov/newsEvents/publicNotices.cnt>, and at the following location Monday - Friday (except legal holidays), 8:00 am to 5:00 pm. A nominal fee for copying and/or mailing may be charged. Arrangements for copying should be made in advance.

**Russell A. Kelly, Chief**

**Permits and Services Division**

**ADEM**

**Mailing address: PO Box 301463 Zip 36130-1463**

**1400 Coliseum Blvd. Zip 36110-2059**

**Montgomery, Alabama**

Persons wishing to comment may do so, in writing, to the Department's named contact above within 30 days following the publication date of this notice. **COMMENTERS SHOULD IDENTIFY THE APPROPRIATE NPDES NUMBER ON THE FIRST PAGE OF THEIR COMMENTS.** In order to affect final decisions, comments must offer technically substantial information that is applicable to the proposed permit.

A written request for a public hearing may also be filed within that 30-day period and must state the nature of the issues proposed to be raised in the hearing. The Director shall hold a public hearing whenever it is found, on the basis of hearing requests, that there exists a significant degree of public interest in the permit application or draft permit. The Director may also hold a hearing if he determines that it would clarify one or more issues involved in the permit decision.

After consideration of all written comments, review of any public hearing record, and consideration of the requirement of the Alabama Water Pollution Control Act, the Federal Water Pollution Control Act and applicable regulations, the Department will make a final determination. The Department will develop a response to comments, which will become part of the public record and will be available to persons upon request. Notice will be sent to any person requesting notice of the final action.

The Department maintains a list of interested individuals who are mailed legal notices regarding proposed permits. If you wish to receive such notices, contact the Permits & Services Division via telephone (334) 271-7714, e-mail ([permitsmail@adem.state.al.us](mailto:permitsmail@adem.state.al.us)), or postal service (P.O. Box 301463, Montgomery, AL 36130-1463).

This notice is hereby given this **July 17, 2013**, by authorization of the Alabama Department of Environmental Management.

**Lance R. LeFleur**

**Director**

Pearce, Jennifer

---

**From:** Phillips, David  
**Sent:** Tuesday, August 19, 2014 5:12 PM  
**To:** Ramsey, S Scott  
**Cc:** Anderson, Emily D; Smart, Daphne Y; Horsey, Maurice  
**Subject:** RE: Oxford Pretreatment Plan / Local Limits Justification  
**Attachments:** Oxford POTW Pretreatment Plan\_EPAedit-comments\_081914.docx  
  
**Categories:** Record Saved - Shared

Scott,  
Document attached has comments, and edits which should correct the sufficiency problems with their submission.

Best view in Word 2013 is likely to Review 'All Mark-up' and 'Show All' except formatting. Let me know if I can provide any additional clarity.

Thank you,

**David R. Phillips**  
Clean Water Enforcement Branch  
U.S. EPA Region 4  
404-562-9773 (Tel) 404-562-9729 (Fax)  
• Environmental Engineer  
• Senior Commissioned Enforcement Officer  
• Industrial Pretreatment Program Coordinator

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**From:** Ramsey, S Scott [mailto:SRamsey@adem.state.al.us]  
**Sent:** Thursday, July 31, 2014 11:52 AM  
**To:** Phillips, David  
**Cc:** Anderson, Emily D; Smart, Daphne Y  
**Subject:** FW: city of Oxford

Just track your changes and we will look your edits.

Scott Ramsey P.E.  
Industrial Section, Chief  
Industrial/Municipal Branch  
Water Division  
Alabama Department of Environmental Management  
Post Office Box 301463  
Montgomery, Alabama 36130  
(34) 271-7838  
adem.alabama.gov



*Mission: Assure for all citizens of the state a safe, healthful and productive environment*

*Did you know you can submit your DMRs and SSOs online using our newly enhanced E2 DMR/SSO Reporting System? To sign up and learn more, please visit the Department's E2 Reporting System webpage [here](#).*

**From:** Phillips, David  
**Sent:** Thursday, July 31, 2014 11:44 AM  
**To:** Ramsey, S Scott  
**Cc:** Armor, Suzanne; Horsey, Maurice  
**Subject:** Oxford Pretreatment Plan / Local Limits Justification

Scott,

Thanks for sending the Pretreatment Plan that Oxford WSSB submitted under its ADEM UO. We have some concerns with the sufficiency of the Plan to accomplish compliance, for which ADEM will want to require Oxford to modify the Plan per the terms of the UO. Do you have a MS Word version of the Plan available that you can send me, so we can provide you our edits and comments directly in the document?

Regarding the technical justification for the local limits, most of the input figures do not have a detailed explanation/presentation of their source data or deriving calculations that are necessary to evaluate the validity of outputs in the spreadsheet cell formulas. Examples include the source of the POTW removal efficiencies and most flows, including justification for zero domestic loadings, but there are others.

Also, the local limits calculations should be present for all pollutants of concern, and not just metals. OWWB has proposed limits for a number of other pollutants that should be included in the technical justification document. Consequently, I think ADEM will want to have OWSSB resubmit that justification with all this missing information added so the accuracy of the limits can be verified.

**David R. Phillips**  
404-562-9773

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**From:** Ramsey, S Scott [<mailto:SRamsey@adem.state.al.us>]  
**Sent:** Wednesday, July 30, 2014 2:30 PM  
**To:** Phillips, David  
**Subject:**



# Oxford Water Works & Sewer Board

POTW Pretreatment Plan

for the

Tull C. Allen Wastewater Treatment Plant

January 2014

## PREFACE

The Oxford Water Works & Sewer Board received a Unilateral Order (13-118-WP) on July 29, 2013 to address the multiple violations the POTW over the time frame of 2011-2013. As a part of the Unilateral Order, it was required that the Oxford Water Works & Sewer Board prepare a POTW pretreatment plan to address non-domestic ~~userUsers~~ that discharge to the wastewater treatment plant. This plan will detail the steps needed to permit each non-domestic ~~userUser~~, the development of local limits, the notification procedures of all ~~userUsers~~ and any violations, and an enforcement action plan to prevent and terminate the introduction of ~~Ppollutants or parameters~~ above acceptable levels into the POTW. The ~~industrial userIndustrial Users~~ and ~~userUsers~~ with grease traps are identified in Appendix B and C, respectively. These appendices are for ~~the~~ Oxford Water Works & Sewer Board's and ~~the~~ Alabama Department of Environmental Management (ADEM)'s use only. Inspection procedures and compliance procedures are described within the document as well.

Once approved by the ~~ADEMI~~Alabama Department of Environmental Management, ~~the~~this POTW Pretreatment Plan will be enacted. Each current non-domestic ~~userUser~~ will be sent a copy of the POTW Pretreatment Plan and will be asked to complete Appendix A – Industrial Waste Questionnaire within 30 days. Oxford Water Works & Sewer Board will review the questionnaires and determine if any of the non-domestic ~~userUsers~~ (without current ~~SHD-permitSID~~ Permits) require a ~~SHD-permitSID~~ Permit through ADEM. Then each non-domestic ~~userUser~~ will submit ~~an~~ a non-domestic permit application to the Oxford Water Works & Sewer Board non-domestic permit application and submit along with the corresponding permit fee. Upon satisfactory review by the Oxford Water Works & Sewer Board, the non-domestic ~~userUser~~ will be issued a permit with specific requirements for that ~~userUser~~. Oxford will issue all of the permits to existing ~~userUsers~~ by July 2014.

Commented [PD1]: Has this occurred?

## SECTION 1 - PURPOSE/INTENT

### I. BACKGROUND

- 1.1 The Oxford Water Works & Sewer Board's Tull C. Allen Wastewater Treatment Plant (WWTP) discharges treated effluent ~~Effluent from its wastewater treatment plants into~~ jurisdictional surface waters of the State, in particular Choccolocco Creek. The chemical nature of this ~~Effluent~~ affects the quality of water flowing in the receiving stream as well as the quality of underground waters in the vicinity.
- 1.2 The Alabama Department of Environmental Management (ADEM) has established discharge limitations for the chemical content of sewage-treated effluent ~~Effluent~~ discharged by the Oxford Water Works & Sewer Board (OWWSB). These limitations are set forth in ~~Oxford Water Works & Sewer Board~~ OWWSB's NPDES Permits (AL0058408). In order to conform to such sewage-effluent discharge limitations and requirements of the NPDES Permit, the Board must regulate the discharge of waste ~~Influent to the WWTP~~ POTW.
- 1.3 This Ordinance shall provide for the regulation of wastewater ~~Wastewater~~ discharge in accordance with the federal government's objectives of general pretreatment ~~Pretreatment~~ regulations as stated in Section 403.2 of Title 40 of the Code of Federal Regulations (CFR) which are for the following purposes:
  - 1.3.1 To prevent the introduction of ~~P~~pollutants into the ~~POTW~~ Oxford Water Works & Sewer Board's WWTP which will contribute to ~~interference~~ with the operation of the ~~WWTP~~ POTW, including ~~interference~~ interference with its ~~the~~ use or disposal of municipal biosolids at the WWTP;
  - 1.3.2 To prevent the introduction of ~~P~~pollutants into the ~~WWTP~~ POTW which will pass through the ~~treatment works~~ WWTP, inadequately treated, to the receiving waters Receiving Waters or otherwise be incompatible with such works;
  - 1.3.3 To prevent ~~pollutants~~ Pollutants which create a fire or explosion hazard in the POTW;

**Commented [PD2]:** The utility of pretreatment controls goes beyond maintaining the effluent limits for the WWTP. It offers protection of the operation and maintenance of the entire POTW system, and the corresponding conditions in the NPDES permit.



1.3.4 To prevent ~~pollutants~~Pollutants which cause corrosive structural damage to the POTW;

1.3.5 To prevent solids or viscous ~~pollutants~~Pollutants which cause obstruction in ~~sewer~~Sewers or at the POTW;

1.3.6 To prevent heat in amounts that will inhibit biological activity in the ~~sewer~~Sewer system or at the POTW;

1.3.7 To prevent petroleum oil, non-biodegradable cutting oil, or products of mineral oil in amounts that will cause ~~interference~~Interference;

1.3.8 To prevent ~~pollutants~~Pollutants which result in the presence of ~~toxic~~Toxic gases, vapors or fumes within the POTW and any trucked or hauled ~~pollutants~~Pollutants, except at discharge points designated by the POTW;

1.3.9 To improve opportunities to recycle and reclaim municipal and industrial ~~wastewater~~Wastewater and biosolids;

1.3.10 To enable the ~~Oxford Water Works & Sewer Board~~OWWSB to comply with its NPDES Permit conditions, biosolids use and disposal requirements, and any other federal or state laws to which the ~~WWTP~~POTW is subjected;

**Commented [PD3]:** WWTP is too restrictive. Use POTW

1.3.11 To enable the ~~Oxford Water Works & Sewer Board~~OWWSB to control the privileges to any use of the ~~WWTP~~POTW; and

1.3.12 To protect and preserve the health and safety of the general public, personnel of the OWWSB service area and adjacent area, and integrity of the natural environment.

1.4 This Ordinance shall apply to all user~~Users~~ of the ~~WWTP~~POTW. This Ordinance authorizes:

1.4.1 Prohibitions of illicit connections and discharges to the ~~sanitary sewer system~~POTW;

**Commented [PD4]:** Sewer system is too restrictive. U

- 1.4.2 ~~To establish legal authority to OWWSB for carrying out all~~  
inspections, surveillance and monitoring, procedures and enforcement  
activities to ensure compliance with this Ordinance.
- 1.4.3 Administrative review procedures;
- 1.4.4 ~~User~~ reporting requirements;
- 1.4.5 The establishment of fees; and
- 1.4.6 The equitable distribution of costs resulting from the program established herein.

## **SECTION 2 - DEFINITIONS**

- 2.1. Unless the context specifically indicates otherwise, the meaning of terms used in these Rules and Regulations shall be as follows:

- 2.1.1 "Act," "The Act," or "CWA" shall mean the Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, U.S.C. 1251, ~~et seq.~~

~~SEQ~~seq.

- 2.1.2 "ADMI" denotes American Dye Manufactures Institute color units.

- 2.1.3 "Approval Authority" shall mean the Alabama Department of Environmental Management.

- 2.1.4 "Authorized Representation of an Industrial User" shall mean any one of the following: (1) A principal executive officer of at least of Vice President, if the industrial user Industrial User is a corporation; (2) A general partner or proprietor

if the industrial user Industrial User is a partner or proprietorship, respectively; (3) a duly authorized representative of the individual above if such representative is responsible for the overall operation of the facilities from which the indirect discharge-Discharge originates.

**Commented [PD5]:** This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

**Commented [PD6]:** This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

- 2.1.5 "ADEM" shall mean the Alabama Department of Environmental Management or its duly authorized deputy, agent, or representative.

- 2.1.7 "BOD" (denoting biochemical oxygen demand) shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five days at 20°C, expressed in parts per million by weight. BOD shall be determined by ~~standard~~ Standard methods-~~Methods~~ as

hereinafter defined.

2.1.8 BTU (British Thermal Unit) shall mean the amount of heat to raise the temperature of one pound of water by one degree Fahrenheit. "THERM" shall mean one hundred thousand BTU's.

Building  
face of the building wall.

2.1.9 "Building Drain" shall mean that part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewerSewer, beginning five feet (1.5 meters) outside the inner

**Commented [PD7]:** This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

2.1.10 "Building SewerSewer" shall mean the privately owned Sewer lateral extending from the building to its connection to the ES sewer other place of the disposalSewer system owned by OWSWB.

**Commented [PD8]:** This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

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2.1.11 "Categorical Standards" shall mean the National Categorical Pretreatment Standards promulgated as separate regulations by the EPA for Industrial Users in specific industrial subcategories under the appropriate subpart of 40 CFR chapter I, subchapter N.

2.1.12 "CFR" denotes Code of Federal Regulations.

2.1.13 "COD" denotes Chemical Oxygen Demand. COD shall be determined by Standard Methods as hereinafter defined.

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2.1.14 "Color" shall mean the true color as established by standard Standard method-Method due to the substances in solution expressed in ADMI units.

runoff and

2.1.15 "Combined sampleSewer" shall mean a sewerSewer receiving both surface wastewaterWastewater.

**Commented [PD9]:** This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary. It is also understood that OWSWB does not possess combined sewer system. If that is not the case, then ADEM n to address this as part of its NPDES permitting.

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2.1.16 "Composite sample" shall mean the makeup of a number of individual field samples collected proportional to flow, so taken as to represent the nature of the wastewaterWastewater stream(s) or industrial wastes. Composite samples are prepared using Standard Methods.

**Commented [PD10]:** This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

2.1.17 "Constituents" shall mean the combination of particles, chemicals, or conditions that exist in the industrial wastesdischarges to the POTW.

**Commented [PD11]:** Defining this term seems unnecessary and likely warrants deletion; Pollutants are already defined in 2.1.55

2.1.18 "Contribute" shall mean the addition, discharge, or introduction of any substances into the TW as hereinafter defined to the POTW.

2.1.19 "Cooling Water" shall mean the water discharged from any use such as air conditioning cooling or refrigeration, or Wastewater to which the with heat as the only pollutant-Pollutant added is heat.



2.1.20 "Direct Discharge" shall mean the discharge of treated or untreated wastewaterWastewater directly to the waters-Waters of the State of Alabama.

**Commented [PD12]:** This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

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2.1.21 "Domestic Sewage" or "Normal Sewage" shall mean any wastewaterWastewater that is not prohibited by Article 2, Section 3 contained herein and discharged by a Domestic User.

2.1.22 "Effluent" shall mean the discharge of flow-of-a-treatment-facility.

2.1.23 "EPA" shall mean the U.S. Environmental Protection Agency or, where appropriate, the term may also be used as a designation for the Regional Administrator or other duly authorized official of said Agency.

2.1.24 "Flammable" shall be as defined by existing-applicable fire regulations-covering the-Town.

**Commented [PD13]:** This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

2.1.25 "Garbage" shall mean wastes from the domestic-and-commercial-preparation, cooking, and the dispensing of food; and from the handling, storage, and sale of produce.

2.1.26 "General Manager" shall mean the individual charged with day-to-day management and executive authority of the Oxford-Water-Works & Sewer BoardOWWSB.

2.1.27 "Grab SampleGrab Sample" shall mean a sample that is taken from a waste stream on a one-time basis with no regard to the flow in the waste stream and without consideration of time.

**Commented [PD14]:** This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

2.1.28 "Hauled Waste" shall mean any waste-Industrial Wastes transported by vehicle, including-such-as domestic septage, chemical toilet wastes, non-domestic septage, commercial wastes, industrial-wastesIndustrial Wastes, or waste removed from a grease trap at a restaurantRestaurant.

2.1.29 "Holding Tank Waste" shall mean any waste-Industrial Wastes from holding tanks, such as vessels, chemical toilets, campers, trailers, septic tanks, recreational vehicles, and vacuum-pump tank trucks.

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2.1.30 "Indirect Discharge" shall mean the discharge or introduction of non-residential-wastewaterWastewater from any source other than a Residential User that is regulated under Section 307(b) or (c) of the Act, (33 U.S.C. 1317), into the POTW (including holding-Holding tank-Tank waste-Waste discharged into the system).

2.1.31 "Industrial UserIndustrial User" or "Industrial Contributor" shall mean a source of direct discharge-that constitutes a

~~discharge of pollutants under regulations issued pursuant to Section~~  
~~402 of the Act~~Indirect Discharge.

**Commented [PD15]:** This is a particularly important change since the existing definition pertains to a Direct Discharge.

2.1.32 "~~Industrial Wastes~~Industrial Wastes" shall mean the liquid wastes from industrial manufacturing ~~process, trade, or business as distinct from sanitary sewage~~Indirect Discharge from an Industrial User.

2.1.33 "Industrial waste surcharge" shall mean the additional service charge assessed ~~against industries an Industrial User in the ES-OWWSB service area whose waste characteristics exceed those of normal wastewater~~Normal Sewage.

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2.1.34 "Influent" shall mean the wastewater arriving at the wastewater treatment plant ~~for treatment and those structures associated with its initial treatment~~flow received by the POTW.

2.1.35 "Inspection~~er~~" shall mean ~~unrestricted site visits to an Industrial User by superintendent the General Manager, or person authorized by superintendent the General Manager to make inspections, or ADEM, or the EPA, for the purpose of evaluating compliance with Pretreatment Standards and Pretreatment Requirements.~~

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**Commented [PD16]:** This defined term does not appear used in the ordinance, and its inclusion therefore appears unnecessary. The ordinance does use the term "inspections" seems more appropriate to define that term.

2.1.36 "Interference~~Interference~~" shall mean ~~the inhibition or disruption of the TW's treatment processes, operations, or sewer~~Sewer system of the POTW that contributes to a violation of any requirement of its NPDES permitNPDES Permit (including an increase in the magnitude or duration of a violation). The term includes prevention of sewage ~~Sludge use or disposal by the TW-POTW in accordance with Section 405 of the Act, or any guidelines or regulations developed pursuant to the Solid Waste Disposal Act (SWDA), the Clean Water Act, the Toxic Substance Control Act, or more stringent State criteria (including those contained in any State sludge management plan prepared pursuant to Title IV of SWDA) applicable to the method of disposal or use employed by the TW-POTW.~~

2.1.37 "IWC" denotes in-stream waste concentration.

**Commented [PD17]:** This defined term does not appear used in the ordinance, and its inclusion therefore appears unnecessary.

2.1.38 "l" ~~denotes~~ denotes liter.

**Commented [PD18]:** This appears to be duplicative of

2.1.39 "MBAS" denotes methylene-blue-active substances.

**Commented [PD19]:** This defined term does not appear used in the ordinance, and its inclusion therefore appears unnecessary.

2.1.40 "Metered water" shall mean the amount of all sources of water, including wells, consumed by the sewer ~~Public Sewer~~ customer.

**Commented [PD20]:** This defined term does not appear used in the ordinance, and its inclusion therefore appears unnecessary.

interchanged

2.1.41 "mg/l" ~~denoted~~ denotes milligrams per liter and shall mean ratio by weight, with ppm.

2.1.42 "MSDS" ~~denoted~~ denotes Material Safety Data Sheet.

2.1.43 "ppm" denotes parts per million and shall mean ratio by weight.

2.1.44 "National Pollution Pollutant Discharge Elimination System Permit" or "NPDES Permit" ~~NPDES Permit~~ shall mean a permit issued to a ~~TW~~ POTW pursuant to Section 402 of the Act (33 U.S.C. ~~1342~~).

402(b) of the Act

2.1.45 "NPDES State" shall mean a State or interstate water pollution control agency with an ~~NPDES Permit~~ NPDES Permit Program approved pursuant to Section (33 U.S.C. 1342).

2.1.46 "National Pretreatment Standard" ~~Pretreatment Standard~~ shall mean any regulation containing ~~pollutant~~ Pollutant discharge limits promulgated by OWWSB, ADEM, or the EPA, in accordance with Section 307(b) and ~~(c)~~ (c) of the Act, which applies to ~~industrial users~~ Industrial Users. The term includes the prohibitive discharge limits in Section 3 of this ordinance.

ditch, lake, or

2.1.47 "Natural outlet" shall mean any outlet into a ~~watercourse~~ Watercourse, pond, other body of surface or groundwater.

2.1.48 "New Source" shall mean any source, the construction of which is commenced ~~after the publication of proposed regulations prescribing a section 307(b) categorical pretreatment standard which will be applicable to such source, if such standard is thereafter promulgated within 120 days of proposal in the Federal Register. Where the standard is promulgated later than 120 days after proposal, a~~ New Source shall mean any source, the construction of which is commenced after the date of promulgation of the standard is an Industrial User subject to Categorical Standards that meets the definition found in 40 CFR 403.3.

2.1.49 "NOEC" denoted no observable effect concentration.

2.1.50 "Normal" shall mean those values taken as standards in the measurements of this division; these limits are defined in context.

2.1.51 "OWWSB" shall mean the Oxford Water Works & Sewer ~~Sewer~~ Board.

~~2.1.54~~ 2.1.52 "Pass-Through" shall mean a discharge from a User which exits the POTW into Receiving Waters in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a

Commented [PD21]: This term appears to only be used on the IW Questionnaire, so it would be best defined there and omitted from the ordinance.

Commented [PD22]: This term appears duplicative of 2.1.41

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Commented [PD23]: This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

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Commented [PD24]: These edits are important to be consistent with federal definition and to avail local standards for state and federal enforceability. Per 403.5(d) local standards are also Pretreatment Standards. This definition should also be relocated to maintain alphabetical listing.

Commented [PD25]: This term only appears in the IW Questionnaire, so it would be more appropriate to define it there rather than the ordinance.

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Commented [PD26]: This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

Commented [PD27]: This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

Commented [PD28]: This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.



violation of any requirement of the OWWSB's NPDES Permit (including an increase in the magnitude or duration of a violation).

**Commented [PD29]:** This is a term used in the Ordinance and an important one to legally define, so I've added it here.

2.1.532 "Person" or "Owner" shall mean any individual; firm; company; joint stock company; association; society; corporation; group; partnership; co-partnership; trust; estate; governmental or legal entity; or their assigned representatives, agents, or assigns. The masculine gender shall include the feminine, the singular shall include the plural where indicated by context.

2.1.543 "pH" shall mean the logarithm of the negative concentration of hydrogen ions in grams per liter of solution. A stabilized pH will be considered as a pH which does not change beyond the specified limits when the waste is subject to aeration. pH shall be determined by standard-Standard methods-Methods as hereinafter defined.

2.1.554 "Pollution" shall mean the man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water.

2.1.565 "Pollutant" or "Pollutants" shall mean any constituent constituents added to water as defined in Section 502(6) of the Act, such as solid waste, chemical waste, biological material, radioactive material, heat, or industrial, commercial, and agricultural waste.

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2.1.57 "POTW" shall mean the publicly owned treatment works, as defined by Section 212 of the Act, which is owned by OWWSB, a municipality as defined by Section 502(4) of the Act. This definition includes any devices and systems used in the storage, treatment, recycling, and reclamation of Domestic Sewage or Industrial Wastes of a liquid nature. It also includes Sewers, pipes, and other conveyances of Wastewater to the WWTP identified in a National Categorical Pretreatment Standard or any item identified as incompatible in Article 2 contained herein.

**Commented [PD30]:** Inserting and using this definition is important to establish the coverage of the pretreatment provisions consistent with the state and federal laws. The system to which pretreatment standards and requirements apply is the entire POTW, and not just the WWTP.

2.1.586 "Pretreatment" shall mean the reduction of the amount of Pollutants, the elimination of Pollutants, or the alteration of the nature of Pollutants properties in wastewater to a less harmful state prior to or in lieu of discharging or otherwise introducing such Pollutants into a POTW. The reduction or alteration can be obtained by physical, chemical, or biological processes; process changes; or other means except as prohibited by 40 CFR Section 403.6(d).

**Commented [PD31]:** This restrictive definition is problematic due to the larger context of its usage in the ordinance. I've made some edits to be consistent with federal law and the context of the ordinance.

2.1.597 "Pretreatment Requirement" shall mean any substantive or procedural requirements related to pretreatment, or other than a National Pretreatment

**Commented [PD32]:** This definition mirrors the federal language except the language addressing dilution of regulated waste via equalization and the need to apply the combined wastewater formula in 403.6. Since this only applies to categorical users, are SIUs, and only ADEM has authority to regulate SIUs, the omission of this language from the OWWSB ordinance is appropriate.

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~~Standard Pretreatment Standard~~ imposed \_\_\_\_\_ on an  
~~Industrial User by OWWSB, ADEM or the EPA.~~

that all  
prevailing in  
inch (1.27 centimeters) in

2.1.6058 "Properly shredded garbage" shall mean the wastes from the preparation, cooking, and dispensing of food that has been shredded to such a degree particles will be carried freely under the flow conditions normally ~~public sewer~~ Public Sewers, with no particle greater than one-half any dimension.

2.1.6159 "PP" ~~denoted~~ denotes EPA priority pollutants, as listed in Appendix A to 40 CFR Part 423 in CFR and list attached hereto.

\_\_\_\_\_ 2.1.6260 "Public sewer ~~Sewer~~" shall mean the portion of the POTW's ~~sewer~~ Sewer system in which all owners of abutting properties \_\_\_\_\_ have equal rights, and is controlled by public authority owned by OWWSB.

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2.1.6463 "Receiving waters ~~Receiving Waters~~" shall mean those waters into which wastes are discharged.

Commented [PD33]: This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

\_\_\_\_\_ 2.1.6264 "Residential User" or "domestic ~~Domestic user~~ User" shall mean a premise or person ~~Person who discharging~~ Wastewater to ~~ES sewers~~ the POTW; that is of a volume and strength typical for residences; \_\_\_\_\_ and, further for billing purposes, is defined as a dwelling place or place of \_\_\_\_\_ residence.

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\_\_\_\_\_ 2.1.6365 "Restaurant" means all retail establishments selling prepared foods and drink for \_\_\_\_\_ consumption on or off the premises; including lunch counters and refreshment \_\_\_\_\_ stands. Retail establishments, lunch counters, and drinking places selling \_\_\_\_\_ prepared food and drink as a subordinate service incidental to their primary \_\_\_\_\_ operations, and institutional facilities (e.g. schools, hospitals, jails, prisons, and \_\_\_\_\_ juvenile halls), which serve food on the premises shall also be considered \_\_\_\_\_ restaurants. A Restaurant discharging Wastewater to the POTW is an Industrial User.

2.1.6466 "Sanitary ~~Sewer~~" shall mean a sewer ~~Sewer~~ that carries wastewater ~~Wastewater and to which storm~~ \_\_\_\_\_ surface and ground waters are excluded.

\_\_\_\_\_ 2.1.6567 "Sewage" shall mean Wastewater originating from a combination of the water-carried wastes from residences, \_\_\_\_\_ business buildings, institutions and industrial establishments, together with such \_\_\_\_\_ storm, surface, and ground waters as may be present Domestic Users.

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Commented [PD34]: As used in the ordinance, sewage is made distinct from industrial wastes or discharges. The term sewage should thus be limited to domestic wastewaters and indirect discharge should be used to identify non-domestic wastewaters.

structures

and

wastewaterWastewater.

SEQseq.

classification  
by the Executive  
1972.

2.1.6668 "Sewage treatment plant" shall mean any arrangements of devices and  
used for treating sewageSewage.

2.1.6769 "Sewage Works" shall mean facilities for collecting, pumping, treating,  
disposing of sewageSewage and industrial wastesIndustrial Wastes.

2.1.6870 "SewerSewer" shall mean or is a conduit for carrying sewage or

2.1.6971 "Shall" is mandatory; "may" is permissive.

2.1.7072 "Slug" shall mean any discharge of water, sewage, or  
industrial waste to the Public Sewer which is an exceedance of in the  
concentration of any given constituentPollutant, or in quantity of  
flow, exceeds for any period of duration longer than  
fifteen minutes; or an exceedance more than five times the average  
twenty-four hour concentration or flows during normal operation.

2.1.7473 "SWDA" denotes the Solid Waste Disposal Act, 42 U.S.C. 6901, ETC.

2.1.7274 "Standard Industrial Classification" or "SIC" shall mean the  
pursuant to the Standard Industrial Classification Manual issued  
Office of the President, Office of Management and Budget,

2.1.7375 "Standard methodsMethods" shall mean the most  
currentest sampling and analysis procedures  
established by in accordance with ERA pursuant to Section 304(g) of the  
Act and contained in 40 CFR, Part 136, as amended or  
the "Standard Methods for the Examination of Water  
and Sewage" as prepared, approved, and published jointly  
by the American Public Health Association, the American Water works  
Association, and the Water Pollution Control  
Federation. In cases where procedures  
vary, the EPA methodologies shall supersede.

2.1.7476 "SIC" shall mean the Standard Industrial Classification code.

2.1.7577 "SID Permit" shall mean a State Indirect Discharge  
Permit issued by the Alabama Department of  
Environmental ManagementADEM. Such permits shall be  
issued to an Industrial User that meets the terms of Ala. Admin. Code r.  
335-6-5-.02 requiring a SID Permitdischargers of non-domestic pollutants from  
any source, including but not limited to those  
regulated under Section 307(b) or (c) of the Federal Act, to a

**Commented [PD35]:** This term is extraneous given than WWTP  
is defined, and it is also not used in the ordinance so it warrants  
deletion.

**Commented [PD36]:** This term is duplicative of WWTP and  
Sewage treatment plant, so it also warrants deletion.

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**Commented [PD37]:** This defined term does not appear to  
used in the ordinance, and its inclusion therefore appears to be  
unnecessary.

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**Commented [PD38]:** Part 136 identifies the authorized  
methods for wastewater analyses, including those published t  
and the Standard Methods manual so there is no need to pro  
two separate definitions here. As used in the ordinance, Stan  
Methods only refers to the source for analysis, so to avoid  
confusion, limiting the definition to Part 136 is all that is nece  
Noting that the most current method is to be used is importa  
the validity and enforceability of data since method versions  
frequently updated by EPA.

**Commented [PD39]:** This warrants deletion; it is already  
defined in 2.1.72

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~~\_\_\_\_\_TW. An Industrial User may be required to obtain a SID Permit from ADEM in addition to a permit from OWWSB.~~

2.1.7678 "Storm sewer~~Sewer~~" or "storm-Storm drain~~Drain~~" shall mean a sewer~~Sewer~~, which ~~that~~ carries storm and surface waters and drainage, but excludes Sewage and Industrial Wastes~~wastewater and polluted industrial~~ wastes.

2.1.7779 "Suspended solids~~Solids~~" shall mean solids that either float on the surface or are in suspension in water, wastewater~~Wastewater~~, or liquid and which are removable by ~~\_\_\_\_\_~~ laboratory filtering.

2.1.7880 "TOC" (denoting total organic carbon) shall mean the quantity of dissolved oxygen required for the chemical oxidation of decomposable matter under aerobic conditions. TOC shall be determined by standard methods as hereinafter defined.

2.1.7981 "Total solids" shall mean total weight ppm of all solids: dissolved, undissolved, organic, or inorganic.

2.1.8082 "TSS" denoted ~~denotes total~~ ~~Total suspended~~ ~~Suspended solids~~ ~~Solids~~ as determined by Standard Methods.

Commented [PD40]: This term is not used other than in the Questionnaire, so it would appear to warrant deletion here and addition there. TSS is defined in 2.1.80

Commented [PD41]: This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

Commented [PD42]: This defined term does not appear to be used in the ordinance, and its inclusion therefore appears to be unnecessary.

2.1.8183 "Toxic" shall ~~mean~~ ~~denotes~~ constituents of wastes Pollutants that may adversely affect the operations ~~organism~~ involved in wastewater treatment, or in the receiving waters~~Receiving Waters~~ of the POTW, as defined by the ~~\_\_\_\_\_~~ latest ADEM and EPA regulations.

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2.1.8284 "TTO" denotes ~~total organic compounds~~ ~~Total Toxic Organics~~, as listed in CFR, latest edition, as defined in the CFR and analyzed using Standard Methods.

2.1.8385 "Toxic pollutants~~Pollutants~~" shall ~~denotes~~ ~~pollutant~~ ~~Pollutant~~ or combination of pollutants ~~Pollutants~~ listed as toxic ~~Toxic~~ in ~~\_\_\_\_\_~~ regulations promulgated by the administrator of the EPA under the provisions of ~~\_\_\_\_\_~~ CWA 307 (a) or other Acts ~~by~~ the EPA in the CFR.

2.1.8486 "U.S.C." denoted ~~denotes~~ the United States Code.

2.1.8587 "User~~User~~" shall mean any person ~~Person~~ who contributes, causes, or contribution of wastewater ~~Wastewater~~ into the ES

permits the  
TW POTW.

2.1.8688 "VOC" denotes volatile organic compounds, as defined ~~by EPA and listed in the~~ ~~\_\_\_\_\_~~ CFR and determined by Standard Methods.

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with 2.1.8789 "Watercourse" shall mean a channel in which a flow of water occurs, continuously or intermittently.

**Commented [PD43]:** This term is only used in the definition of "natural outlet" which itself is not used in the ordinance. Therefore this term would warrant deletion.

2.1.89 radiological substance institutions, and industrial surface water, and storm water untreated, which is contributed into or

2.1.8890 "WastewaterWastewater" shall mean any solid, liquid, gas, or originating from residences, business buildings, establishments together with any groundwater, that may be present, whether treated or permitted to enter the POTW.

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**Commented [PD44]:** There might be better definition of this term elsewhere in the CFR if it did not originate there.

2.1.90 2.1.91 "Waters of the State of Alabama" shall mean any water, whether surface, or underground, within the boundaries of the stateState of Alabama.

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2.1.912.1.92 "WWTP" shall mean WastewaterWastewater Treatment Plant portion of the POTW.

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### SECTION 3- DISCHARGE PROHIBITIONS

#### 3. GENERAL DISCHARGE PROHIBITIONS

- 3.1 ~~No user~~User, ~~person~~Person, firm, or corporation shall ~~contribute~~Contribute or cause to be ~~contributed~~Contributed, directly or ~~indirectly~~indirectly, any ~~pollutant~~Pollutant or ~~wastewater~~Wastewater which will interfere with the operation of performance of the POTW. These general prohibitions apply to all such ~~user~~Users of a POTW whether or not the ~~user~~User is subject to National-Categorical ~~Pretreatment-Standard~~Pretreatment Standards or any other National~~Federal~~, State, or ~~local~~local ~~Pretreatment-Standard~~Pretreatment Standards or Requirements. A ~~user~~User may not ~~contribute~~Contribute the following ~~substances~~substances to any POTW:

**Commented [PD45]:** Need to identify the defined terms with capitalizations. I've made an effort to include those throughout.

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- 3.1.1 Any liquids, solids or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the POTW or to the operation of the POTW. At no time shall two successive readings on an explosion hazard meter, at the point of discharge into the system (or at any point in the system), be more than five percent nor any single reading over ten percent of the Lower Explosive Limit (LEL) of the meter. Prohibited materials include but are not limited to: alcohols, aldehydes, benzene, bromated, carbides, chlorates, commercial solvents, ethers, fuel oil, gasoline, or any hydrocarbon derivatives, hydrides, kerosene, ketones, mineral spirits, motor oils, naphtha, perchlorates, peroxides, sulfides, toluene, xylene and any other substances which the OWWSB, the ~~state~~State, or ~~chemical supplier (via MSDS or otherwise) has~~chemical supplier (via MSDS or otherwise) has EPA has notified the ~~User~~User is a fire hazard to the ~~system~~POTW system.
- 3.1.2 Any ~~pollutants~~Pollutants which will cause corrosive structural damage to the POTW (in no case ~~with a pH less than 6.0, or higher than 9.0 unless otherwise specified in the user~~with a pH less than 6.0, or higher than 9.0 unless otherwise specified in the ~~User's permit~~User's permit), ~~wastewater~~Wastewater having any other corrosive property capable of causing damage or hazard to structures, equipment, and/or personnel of the POTW ~~is prohibited~~is prohibited, unless the POTW is specifically ~~redesigned~~redesigned to accommodate such ~~wastewater~~Wastewater.
- ~~3.1.3~~ Solid or viscous substances in amounts which may cause obstruction to the flow in a ~~sewer~~sewer or other ~~interference~~interference with the operation of the POTW such as, but not limited to: ~~garbage~~garbage

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~~Garbage~~ not properly shredded or ~~garbage~~~~Garbage~~ with particles greater than one-half inch in any \_\_\_\_\_ dimensions, ashes, cinders, animal entrails, paunch, manure, offal, bones, hair, hides or \_\_\_\_\_ fleshings, whole blood, beer, or distillery slops, feathers, sand, lime residues, stone or \_\_\_\_\_ marble dust, metal, straw, grass clippings, rags, spent grains, spent hops, waste paper, \_\_\_\_\_ wood, plastics, fiberglass, paint, or ink residues, gas, tar, asphalt residues, chemical \_\_\_\_\_ residues, residues from refining or processing of wastes.

- 3.1.4 Any waste or waste which contains more than 10 ppm (by weight) of animal or mineral fats, oils, grease, or any water or waste which contains a substance that will solidify or become viscous at temperatures between 32°F and 90°F. The installation and operation of any ~~garbage~~~~Garbage~~ grinder equipped with a motor of three-fourths horsepower or

greater shall

be subject to the review and approval of General Manager.

**Commented [PD46]:** This is not consistent with the O&G limitation in Table 1. OWWSB should establish and implement more stringent limit for both in the Table, or differentiate its lin for animal FOG and mineral FOG.

- 3.1.5 Any ~~P~~pollution, including oxygen- demanding ~~pollutants~~~~Pollutants~~ (BOD,etc) released at a flow and/or ~~pollutants~~~~Pollutants~~ concentration that will cause ~~interference~~~~Interference~~ to the POTW.

- 3.1.6 Any ~~l~~hauled ~~W~~waste as defined herein, the General Manager may permit discharge occurrences on a case-by-case basis.

- 3.1.7 Any ~~wastewater~~~~Wastewater~~ having a temperature that will inhibit biological activity in the WWTP \_\_\_\_\_ resulting in ~~interference~~~~Interference~~, but in no case ~~wastewater~~~~Wastewater~~ with a temperature at the introduction \_\_\_\_\_ into the POTW which exceeds 40°C (104°F). Unless a higher temperature is \_\_\_\_\_ allowed in the ~~user~~~~User~~'s ~~SID~~ ~~permit~~~~SID Permit~~, no ~~user~~~~User~~ shall discharge into any ~~sewer~~~~Sewer~~ line or appurtenance of the ~~wastewater~~~~Wastewater~~ system with a temperature exceeding 43°C (110°F).

- 3.1.8 Any ~~wastewater~~~~Wastewater~~ containing ~~toxic~~~~Toxic~~ ~~pollutants~~~~Pollutants~~ in sufficient quantity, either singly or by interaction with other ~~pollutants~~~~Pollutants~~, to injure or ~~interfere with any wastewater treatment process~~ contribute to ~~Interference with the POTW~~, constitute a hazard to humans or animals, create a toxic effect in the ~~receiving waters~~~~Receiving Waters~~, or to exceed the limitation set forth in a ~~Categorical Pretreatment~~ —Standard. A ~~toxic~~~~Toxic~~ ~~pollutant~~~~Pollutant~~ shall include but not be limited to any ~~pollutants~~~~Pollutants~~ identified pursuant to Section 307(a) of the Act. No: TTO, PP,

**Commented [PD47]:** This should include local limits, a just categorical standards, so the term Pretreatment Stand more appropriate.

or VOC compounds shall be discharged into the POTW system sewer system without written notification to the General Manager permit from OWWSB. A complete list of all such compounds and the amounts of each discharged to the WWTP shall be delivered to the General Manager at least once each calendar quarter, four times a year.

**Commented [PD48]:** This edit seems more appropriate rather than random authorizations by the GM which may or may not be in writing, and may or may not include consistent requirements.

**Commented [PD49]:** Duplicious of once each quarter.

3.1.9 Any noxious or malodorous liquids, gases, or solids which either singly or by interaction with other waste are sufficient to create a public nuisance, while being conveyed through the sanitary sewer Sanitary Sewer and/or at the WWTP operating in its normal mode, as defined by State law, or hazard to life; or are sufficient to prevent entry into the sewerSewers for their maintenance and repair.

3.1.10 Any substance or unusual concentrations of inert suspended solids which may cause at the WWTP's effluent Effluent, or any other product of a WWTP such as residues, sludges, or or scums, unusual concentrations of inert suspended solids, to be unsuitable for reclamation and reuse or to interfere contribute to Interference with the reclamation process (where at the WWTP is pursuing a reuse and reclamation program) or to cause undue additional labor and materials in connection with its operation. In no case, shall a substance discharged to the POTW cause the WWTP to be in non-compliance with sludge use or disposal criteria, guidelines, or regulations affecting sludge use or disposal developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substance Control Act, State criteria applicable to the sludge management method being used or any future Federal regulation.

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3.1.11 Any substance that will cause a WWTP to violate its NPDES and/or State Disposal System Permit or the receiving water quality standards.

3.1.12 Any wastewaterWastewater with Ceolor sufficient to increase the color in the receiving streamReceiving Water by more than 50 ADML at the design flow rate of a the WWTP when the receiving streamsReceiving Water is at the 7Q10 rate of flow.

**Commented [PD50]:** Is this a limitation in the NPDES Permit? If not, then it should be added if this is approved. Also, it would be useful to reference the Table 1 limitations on IU discharge or Color in this paragraph if they have technical justification for meeting this condition on the effluent.

3.1.13 Any liquid or wastewaterWastewater containing quantities of radioactive waste in excess of presently existing or subsequently accepted limits for drinking water as established by applicable State or Federal regulations.

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~~3.1.14~~ No statement contained in this shall be construed as preventing any special agreement or arrangement between the OWWSB and any industrial concern whereby an industrial waste of unusual strength of character may be accepted by the OWWSB for treatment, subject to payment therefore, by the industrial concern as long as the POTW operation complies within the NPDES limits authorized by EPA and the Alabama Department of Environmental Management.

**Commented [PD51]:** These are prohibitions necessary to maintain the integrity of the POTW and compliance with its NPDES permit and the CWA, many of which correlate to federal prohibitions, and therefore explicitly prohibit the identified discharges. OWWSB should not have a disclaimer that allows special consideration for exceptions or for avoiding compliance with any prohibitions. That would be double-speak and open the door for political and lobbying pressures to allow unacceptable risks to the POTW.

### 3.2 INDUSTRIAL WASTE PRETREATMENT

3.2.1 All ~~person~~Persons desiring to discharge industrial wastewater~~Industrial Wastes~~ to the POTW must first complete an industrial waste questionnaire (Appendix A) and submit the questionnaire and corresponding fee to the OWWSB for review. If, after review by the General Manager and ADEM as noted in the agreement, the industry is found to be subject to the ~~Federal or State pretreatment~~Pretreatment program, then that facility must also obtain a State Indirect Discharge (SID) Permit.

3.2.2 All ~~person~~Persons discharging industrial wastewater~~Industrial Wastes~~ ~~directly or indirectly to the WWT-POTW~~ prior to the effective date of the ordinance from which this section is derived and who have obtained prior approval of the industrial wastewater discharge, must complete the industrial waste questionnaire. If, after review by the General Manager and ADEM as noted in the agreement, the ~~industry~~User is found to be subject to the ~~federal and state~~State ~~pretreatment~~Pretreatment ~~programs~~Program, then that industry must also obtain a ~~state~~State ~~discharge~~Indirect Discharge (SID) ~~permit~~Permit within the required time frame established by EPA and ADEM.

3.2.3 These regulations adopt and use as a guide the national EPA pretreatment standard~~Pretreatment Standards~~ and the Environmental Protection Agency's ~~pretreatment guidelines~~Requirements. The OWWSB recognizes that in some cases these ~~pretreatment standard~~Pretreatment Standards may not be sufficient to protect the operation of its ~~treatment works~~POTW, or to make it ~~unable to comply with terms of its NPDES permit~~NPDES Permit. In such cases, the General Manager reserves the right to impose in ~~an OWWSB permit more stringent pretreatment standard~~Pretreatment Standards than those specified in the EPA regulations ~~and or those~~ required by ADEM.



3.2.4 When ~~Industrial User~~Industrial Users are approved to discharge to the ~~WWTP~~POTW, ~~Oxford OWWSB~~ shall send a letter to ADEM detailing the addition of the ~~user~~User and an updated List of Current ~~Industrial User~~Industrial Users. The ~~present~~ List of Current ~~Industrial User~~Industrial Users is shown in Appendix B of this report and is for Oxford WWSB and ADEM's use only.

### 3.3 RESTAURANTS

3.3.1 No ~~person~~Person who owns, operates, or maintains a ~~restaurant~~Restaurant (~~R~~restaurant ~~User~~) shall discharge

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~~wastewater~~Wastewater from such ~~restaurant~~Restaurant to the ~~sewer~~Sewer without the presence of

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a grease interceptor. ~~Restaurant~~Restaurants must receive approval to begin design on the grease interceptor from ~~Oxford Water Works & Sewer Board~~OWWSB. The minimum required design is two 1,000 gallon in-line grease traps, unless an alternate design is approved by the General Manager. All interceptor design drawings must be submitted to and approved by the General Manager. The General Manager retains the right to ~~conduct~~ a review of the interceptor design prior to installation, and ~~forbid~~ discharge into the ~~sewer~~POTW based on if the interceptor design ~~is~~ deemed inadequate.

Commented [PD52]: This is not a minimum requirement if the GM can overrule it. Recommend that OWWSB develop a standard set of drawings with design conditions and establish that named document as the minimum requirement rather than a fixed capacity interceptor.

Commented [PD53]: The right to review is explicitly identified in the preceding sentence, so this phrase is duplicitous.

3.3.2 A ~~Restaurant~~Restaurant ~~user~~User shall direct all ~~Wastewater~~wastewater and waste from floor drains, floor sinks, sinks, waste container wash racks, dishwashers, mop sinks, utility sinks and garbage ~~Garbage~~ grinders through an approved interceptor complying with this Ordinance. The ~~user~~User shall keep all domestic ~~wastewater~~Domestic Sewage from restrooms, showers, drinking fountains, and condensate, soda machines, bar sinks, (i.e., ice melt, air conditioning condensate) separate from the ~~Wastewater~~restaurant wastewater until the ~~Wastewater~~restaurant wastewater has passed through all interceptors, ~~pretreatment~~Pretreatment equipment, devices, or monitoring stations.

3.3.3 All ~~restaurant~~Restaurant ~~user~~Users shall separate, to the maximum extent practicable, and remove all fats, oils, and greases from the ~~Wastewater~~restaurant wastewater for off-site disposal. Each ~~restaurant~~Restaurant ~~user~~User shall store these separated wastes in accordance with all applicable laws, rules, policies and regulations, including the OWWB and this Ordinance.

3.3.4 All floor sinks, floor drains, and drains shall be equipped with screens or devices that shall exclude from the wastewaterWastewater discharged all particles larger than three eighths of an inch in any dimension.

3.3.5 No restaurantRestaurant userUser shall discharge any wastewaterWastewater to a storm drainStorm Drain, service dock areas, parking lot, or ground. All wastewaterWastewater generated by restaurantRestaurants, including trash enclosure wash/rinse water and drive through wash/rinse water, shall be disposed of to a sewerSewer through an approved gravity separation interceptor, or a sample station connected to sewerSewer, or hauled offsite and disposed of at a legal disposal site.

3.3.6 If a restaurantRestaurant has a blocked sewerSewer lateral or a failed sewageSewage pumping device which causes the discharge of the wastewaterWastewater to the storm drainStorm Drain, service dock areas, parking lot, drive through areas, or ground, the restaurantRestaurant userUser shall immediately cease all activities causing that discharge and immediately contact a plumber to have the discharges collected and if necessary have laterals cleared, televised and repaired. Failure to comply with this requirement shall be considered a violation of this Ordinance and shall subject the restaurantRestaurant userUser to enforcement actions. If the OWWSB determines that public safety requires immediate action and the restaurantRestaurant Owner is unable to or unwilling to arrange for a pumping company and plumber, the OWWSB may in its discretion contact a pumping company and plumber to mitigate the violation and charge the restaurantRestaurant userUser for all associated costs.

**Commented [PD54]:** This applies to all conditions of the ordinance, so I'm not sure why it is stated here other than emphasis. However, including it here and not elsewhere could open the door for arguments that enforcement can only be for this provision. Consequently, I'd consider removing this statement.

3.3.7 Oxford Water Works & Sewer BoardOWWSB requires each restaurantRestaurant to have inspectionsInspections conducted to ensure the proper maintenance and operation of the grease interceptors. These inspectionsInspections may be monthly, quarterly or yearly depending on the interceptor condition. Failure to comply with this ordinance will result in enforcement actions, including fines and the possibility of termination of sewerSewer service. A list of the yearly inspection sheet for the current restaurantRestaurants is shown in Appendix C and is for Oxford and ADEM's use only.

**Commented [PD55]:** See comment above. It may be consolidate such statements in a single paragraph below.

3.3.8 Oxford Water Works & Sewer Board is currently considering a FOG [Fats, Oils and Grease] permit for all food service establishments. Annual fees for the FOG permit will be \$100.

Commented [PD56]: Not certain that this belongs in an ordinance if it is being considered and not yet approved.

3.3.9 If grease is physically apparent on the POTW's WWTP's bar screen or upon arrival, ~~on the septic tank hauler~~ Industrial User discharging Hauled Waste will be assessed a \$100 fine and will be required to cease pumping of sewage discharge immediately. ~~After multiple fines, the~~ The General Manager also has the right to terminate service with the ~~septic tank hauler~~ Industrial User discharging Hauled Waste that receives a fine.

Commented [PD57]: It is not protective to memorialize multiple failures by a user to meet requirements as the trigger to terminate service. The GM should have this right at any point in time given that one instance could be sufficient cause to terminate service. Also this problem could be due to any hauled waste user and not just holding tank or septic users, so a broader defined term like Industrial User discharging Hauled Waste is best used here.

### 3.4. PROHIBITIONS ON STORM DRAINAGE AND GROUNDWATER

3.4.1 Storm water, groundwater, rainwater, street drainage, roof top drainage, basement drainage, subsurface drainage, yard drainage, uncontaminated ~~cooling~~ Cooling water, unpolluted industrial process waters, shall ~~not only~~ be discharged through direct connections to a ~~community sewer unless a~~ storm sewer.

### 3.5. NATIONAL CATEGORICAL PRETREATMENT PRETREATMENTS STANDARDS

3.5.1 Certain industrial user Industrial Users, now or hereafter, shall become subject to National Categorical ~~Categorical~~ Pretreatment Standard Pretreatment Standards promulgated by the EPA specifying quantities or concentrations ~~of pollutants~~ Pollutants or pollutant Pollutant properties that may be discharged into the POTW. All ~~industrial user~~ Industrial Users subject to a National Categorical ~~Categorical~~ Pretreatment Standard Pretreatment Standard shall comply ~~with all requirements~~ Pretreatment Standards and Requirements of such standard, and shall also comply with any additional or more ~~stringent limitations~~ requirements contained in this Ordinance or State law, including application for a State SID Permit.

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### 3.6 STATE REQUIREMENTS

3.6.1 ~~State requirements and limitations on discharge~~Pretreatment Standards and Requirements shall apply in any case where they are more stringent than those established by the ~~Federal EPA requirements and limitations or those in these Rules and Regulations~~this Ordinance.

### 3.7 LOCAL LIMITS

3.7.1 The General Manager is authorized to establish Local Limits pursuant to 40 CFR 403.5(c). Local Limits are enforceable Pretreatment Standards.

3.7.2 The ~~pollutant~~Pollutant limits shown on Table 1 are established to protect against ~~Pass-Through and Interference~~Interference. No ~~person~~Person shall discharge ~~wastewater~~Wastewater containing Pollutants in excess of the following limits, unless more stringent limits are established per Section 3.7.3 of this Ordinance, unless specified in their individual permit. Oxford has also established surcharges for conventional ~~pollutants~~Pollutants amenable to treatment, such as BOD<sub>5</sub> and TSS. Surcharges are additional charges to recover the cost to treat ~~wastewater~~Wastewater that are typically assessed when discharge concentrations are above defined values, typically above that of domestic wastewaterNormal Sewage. The Quality Surcharge Fee is further discussed in Section 3.10.1. Enforceable Local Limits for conventional ~~pollutants~~Pollutants are established where there is potential for these ~~pollutants~~Pollutants to be discharged to the POTW in quantities or concentrations that could exceed the WWTP's capacity. When an ~~industrial user~~Industrial User discharges in excess of a Local Limit, they are subject to enforcement actions.

3.7.3 The ~~Oxford Water Works & Sewer Board~~OWWSB reserves the right to establish, either by uniformly by ordinance or in individual wastewaterWastewater discharge permits, more stringent Pretreatment Standards or Requirements on discharges to the POTW consistent with the purpose of this ordinanceOrdinance. Oxford-WWSB will give notice to the ~~User~~Users of any changes to specific limits and prohibited ~~pollutants~~Pollutants, and for SID Permittees, within 30 days ~~of~~following written

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~~approved modifications from ADEM approval of the proposed modifications and their technical justifications.~~

- 3.7.4 No ~~User~~User shall ever increase the use of process water, or in any way attempt to dilute a discharge, as a partial or complete substitute for adequate treatment to achieve compliance with a discharge limitation unless expressly authorized by an applicable ~~Pretreatment Standard~~Pretreatment Standard or Requirement. The General Manager may impose mass limitations on ~~User~~Users who are using dilution to meet applicable ~~Pretreatment Standard~~Pretreatment Standards or Requirements, or in other cases when the imposition of mass limitations is appropriate.

**Commented [PD58]:** Since ADEM is the Control Authority, and local limits are Pretreatment Standards, they require ADEM approval if they are to be applied in a SID Permit. Local limits applied only to a OWWSB permit do not necessitate ADEM approval, given the State rules do not provide for approval of local POTW programs. However, local limits applied outside of a SID Permit should be as/more stringent than any state or federal limitations/ prohibitions available, including the local limits approved/applied to SID Permits for OWWSB Users in Table 1.

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**TABLE 1 – OXFORD WATER WORKS & SEWERSEWER BOARD LOCAL LIMITS**

| Parameter                                          | Daily Average | Daily Maximum |
|----------------------------------------------------|---------------|---------------|
| Temperature                                        | —             | 110° F        |
| Oil and grease                                     | 100 mg/l      | 150 mg/l      |
| Ammonia                                            | 17 mg/l       | 34 mg/l       |
| Total suspended <del>Suspended solids</del> Solids | 250 mg/l      | 500 mg/l      |
| BOD (5-day)                                        | 225 mg/l      | 450 mg/l      |
| Total Phosphates (as P)                            | 10 mg/l       | 20 mg/l       |
| Aluminum (dissolved)                               | 10 mg/l       | 20 mg/l       |
| Cadmium (total)                                    | 0.01 mg/l     | 0.02 mg/l     |
| Copper (total)                                     | 1.0 mg/l      | 2.0 mg/l      |
| Chromium (total)                                   | 2.0 mg/l      | 3.5 mg/l      |
| Cyanide (total)                                    | 0.05 mg/l     | 0.1 mg/l      |
| Iron (total)                                       | 5.0 mg/l      | 5.0 mg/l      |
| Nickel (total)                                     | 0.5 mg/l      | 1.0 mg/l      |
| Lead (total)                                       | 0.1 mg/l      | 0.2 mg/l      |
| Zinc (total)                                       | 1.48 mg/l     | 2.61 mg/l     |
| Silver (total)                                     | 0.24 mg/l     | 0.43 mg/l     |
| pH                                                 | 6.0-9.0       | 6.0-9.0       |
| Color                                              | 100           | 200           |

**Note:** The above limits apply at the point where the wastewater is designated by the General Manager to be discharged to the collection system POTW, whether that be a point in the Public Sewer or at the WWTP. All concentrations for metallic substances are for total metal unless indicated otherwise.



The General Manager may impose mass limitations in addition to the concentration-based limitations above.

### 3.8 EXCESSIVE DISCHARGE

3.8.1 No ~~user~~User shall ever attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in the applicable ~~National Categorical Pretreatment Standard~~Pretreatment Standards, or in any other pollutant-specific limitation developed by the OWWSB and the Alabama Department of Environmental Management. Where necessary in the opinion of the Alabama Department of Environmental Management OWWSB or ADEM, the Pretreatment equalizing of Industrial Wastes may be required of an Industrial User to bring Pollutantse constituents or volume to an acceptable level acceptable to OWWSB or ADEM and, or to hold or equalize flow volume,s such that no Pollutant level or peak flow conditions may contribute to Interference interfere with or Pass-Through of the POTW. Pretreatment Said equalization or holding equipment unit shall have a capacity suitable to serve its intended purpose, as stated above, and be equipped with flow monitoring and acceptable outlet control facilities to provide flexibility in operation and accommodate changing conditions in the waste flow.

**Commented [PD59]:** Pretreatment Standards include prohibitions, Categorical Standards, and Local Limits, regardless of who develops them (EPA/ADEM/OWWSB).

**Commented [PD60]:** OWWSB should not be limiting itself to only requiring flow equalization for Industrial Users. If Pretreatment of the discharge is necessary to meet local limits or other standards, then OWWSB should require the User to install Pretreatment.

3.8.2 All ~~user~~Users of the POTW shall limit the peak daily volume of infiltration and inflow to not more than 25 percent of the average daily waste flow.

### 3.9 ACCIDENTAL DISCHARGES

3.9.1 In the case of "accidental discharge," the final determination of which is made by OWWSB or ADEM, it is the responsibility of the ~~user~~User to immediately notify the OWWSB of the incident. The notification shall include: (1) time and location of discharge, (2) type of waste, (3) concentration and volume, and (4) corrective actions.

**Commented [PD61]:** This is a good place to insert the appropriate phone number, whether 911 or OWWSB hotline that is available 24-hours, so it is clear how and to whom an immediate report is to be made.

3.9.2 Within five calendar days following an accidental discharge, the ~~user~~User shall submit to the General Manager a detailed written report describing the cause of the discharge and the measures to be taken by the ~~user~~User to prevent similar future occurrences. Such notification shall not relieve the ~~user~~User of any expense, loss, damage, or other liability which may be incurred as a result of damage to the POTW, fish kills, or any other damage to person or property; nor shall such notification relieve the ~~user~~User of any fines, civil penalties, or other liability which may be imposed by this Article-Ordinance or

other applicable law. Violation of this provision shall —constitute a misdemeanor by the user~~User~~.

3.9.3 At any time, OWWSB may require an Industrial User to develop and submit for its approval a preventative plan, termed a "Slug Discharge Control Plan," designed to reduce the potential for an accidental discharge of concentrated Pollutants from the Industrial User to the POTW. OWWSB may also require routine updates to an approved Plan.

**Commented [PD62]:** I've added this provision to offer OW a means to prevent accidental discharges from users with such risks. OWWSB will want to perform a walk-through inspection the User to determine if a Plan is necessary during the local pe process and periodically thereafter. EPA has a guidance availat the web for POTWs to implement a Slug Discharge Control Pla program.

### 3.10 INDUSTRIAL WASTE FEES

3.10.1 Facilities that discharge industrial wastewater to the sewer~~Industrial Users~~ must pay additional fees to cover Oxford WWSB's cost of permitting, inspection, sampling, and additional treatment of Industrial Wastes~~wastewater with industrial pollutants or high~~ strength. The various types of industrial fees are as follows:

1. ~~Industrial Wastewater~~Wastewater Permit Fee – All facilities required to obtain an Industrial Wastewater~~Wastewater~~ Permit Fee (after completing the Industrial Wastewater~~Wastewater~~ Questionnaire) must pay an application fee of \$250.00. This fee pays for the cost of processing the permit applications, performing initial field visits, and issuing final permits. All existing and prospective industries ~~Industrial Users~~ must pay the fee and complete the application in order to be eligible for service.
2. Inspection and Control Fee – Permitted industrial-user~~Industrial Users~~ pay a monthly inspection and control fee based on the nature of the facility's operations. This fee pays for the cost of permitting, inspection, sampling and monitoring, laboratory services, inventory control and management. This fee is included in the monthly industrial sewer~~Sewer~~ rate fees (per thousand gallon).
3. Quality Surcharge Fee - Oxford WWSB measures an industrial-user~~Industrial User's~~ waste "strength" in terms of Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), and Ammonia (NH<sub>3</sub>) concentrations. If concentrations of these pollutants~~Pollutants~~, as measured in the industrial-user~~Industrial User's~~ wastewater~~Wastewater~~ are higher than those typical of Ddomestic Ssewage, a Quality Surcharge Fee will be assessed. For Industrial Users dischargers less

**Commented [PD63]:** The Ordinance calls for a questionr and associated fee. Is this fee included in the Permit applicar portion of this Fee, or is it a separate fee that was inadvertently omitted here?

than 40,000 gallons per day, the OWWSB uses predetermined "industry wide average" BOD, TSS, and  $\text{NH}_3$  values. Such facilities have the option to self-monitor for BOD values in lieu of using the Board's assigned values.

The Quality Surcharge Fee pays for the cost of the additional treatment at the WWTP and pump stations. Treatment and removal of "high strength" waste requires extra operating expenses such as the cost of additional chemicals, power, solids storage capacity and final disposal. This fee is assessed quarterly in arrears.

- The following formula is used to obtain the ~~industry~~ Industrial User's Quality Surcharge Fee for Total Suspended Solids:

$$C_{\text{TSS}} = ((\text{TSS} - 250) * V * 8.34) * a$$

Where C = Quality Surcharge Fee (\$), V = Discharge flow in MGD,  
a = \$0.343 per lb of TSS, TSS = TSS concentration in mg/l

- The following formula is used to obtain the ~~industry~~ Industrial User's Quality Surcharge Fee for Biochemical Oxygen Demand:

$$C_{\text{BOD}} = ((\text{BOD} - 225) * V * 8.34) * b$$

Where BOD = BOD concentration in mg/l, b = \$0.258 per lb of BOD

- The following formula is used to obtain the ~~industry~~ Industrial User's Quality Surcharge Fee for Ammonia ( $\text{NH}_3$ ):

$$C_{\text{NH}_3} = ((\text{NH}_3 - 17) * V * 8.34) * c$$

Where  $\text{NH}_3$  =  $\text{NH}_3$  concentration in mg/l, c = \$0.50 per lb of  $\text{NH}_3$

5. Late Report Fee – \$125.00. Reports not submitted on time are subject to the late report fee.
6. Interference or Pass-Through Occurrences – minimum of \$1,000.00 per occurrence. ~~If proper notice is not given on pass-through occurrences, additional~~



~~fees/fines will be incurred—Oxford reserves the right to terminate service after multiple pass-through occurrences~~ Interference or Pass-Through occurrence

3.10.2 Facilities who do not pay their industrial waste fees by a given due date are subject to termination of service and legal action.

**Commented [PD64]:** Proper notice of pass-through is not explained in the ordinance, so it does not seem appropriate to include that sentence (deleted). Also, it is difficult for an industrial user to give notice of pass-through unless they are the one monitoring the POTW. Accidental discharge – noted previously in the ordinance – can lead to pass-through, and the requirement to provide notice of an accidental discharge is already provided in the paragraph. It is up to OWWSB and/or ADEM to investigate and determine if a reported accidental discharge is actually due to accident, civil negligence, or a willful/knowing criminal cause.

**Commented [PD65]:** Again, OWWSB should not wait until an unspecified number of interference or pass-through occurrences have affected the POTW to consider termination. One event can be significant enough to warrant termination, so this should be reserved here.

## SECTION 4- ENFORCEMENT OF RULES AND REGULATIONS

### 4.1 SPECIFIC POWERS OF GENERAL MANAGER

- 4.1.1 The General Manager may take any of the following actions to prevent the actual or threatened discharge of ~~polluted wastewater~~ Wastewater to the POTW:
1. Stop or prevent the discharge of such ~~wastewater~~ Wastewater;
  2. Require the ~~user~~ User to demonstrate that process modifications will reduce or eliminate the ~~pollutant~~ Pollutant or substance so that the discharge will not violate this Ordinance;
  3. Require ~~treatment~~ Pretreatment to reduce or eliminate the ~~pollutants~~ Pollutants so that the discharge will not violate this Ordinance;
  4. Require the ~~user~~ User to pay additional ~~user~~ User fees, inspection fees and any additional cost or expense incurred by the OWWSB by excess ~~pollutant~~ Pollutant loads discharged to the WWTP, or imposed fines, penalties or legal expenses, and attorneys' fees;
  5. Obtain timely and factual reports from the ~~person~~ Person/facility responsible for such discharge; and,
  6. Take any other action to achieve the purposes of this Ordinance.

### 4.2 MONITORING

- 4.2.1 At the direction of the General Manager, any ~~Industrial User~~ user ~~discharging wastewater into the POTW~~ may be required to install sampling station(s) or measuring device(s) to measure the quality and quantity of ~~wastewater~~ Wastewater discharged or to obtain samples. Measuring devices may include, but are not limited to: flow meters and recorders, pH meters and recorders, electrical conductivity meters and recorders, process water meters, and automatic ~~wastewater~~ Wastewater samplers.
- 4.2.2 ~~The~~ A sampling station and/or measuring device shall be provided by the ~~Industrial~~ user User in compliance with this Ordinance and all applicable building, plumbing, and construction codes. The OWWSB may require that the measuring devices have a security closure that can be locked with an OWWSB lock. Construction shall be completed within a reasonable time as required in written notification from the General Manager.

- 4.2.3 The General Manager may temporarily install upon the Industrial user's property devices to conduct wastewater sampling, compliance monitoring or metering operations.
- 4.2.4 No Industrial user shall interfere with, delay, resist, or refuse entrance to authorized Board-OWWSB personnel installing wastewater monitoring equipment on the Industrial user's property. Any permanent or temporary obstruction prohibiting direct access to the sampling station or measuring device shall be immediately removed by the Industrial user or property Owner at the written or verbal request of the General Manager and shall not be replaced.
- 4.2.5 The sampling station or measuring devices shall be maintained for continuous sampling or metering. The measuring devices shall be calibrated as often as necessary to ensure accurate measurements according to manufacturer's specifications. All maintenance and calibration work shall be performed at the Industrial user's expense.
- 4.2.6 All Industrial users that self-monitor shall have all samples collected and analyzed according to 40 CFR 403.12(b)(5). Part 136. Depending on the type of discharge, OWWSB shall require in a permit that any composite sampling be either flow-proportional or time-proportional.
- 4.2.7 All Industrial user sampling and analysis must comply with 40 CFR part 403.12(b)(5) Part 136. If a second-party laboratory is used then it must be certified by the State of Alabama, Department of Environmental Management ADEM as being competent to perform the pollutant analyses requested, shall perform all laboratory analyses and must be acceptable to the General Manager. All samples must have the following information:
1. The date, exact place, method, and time of sampling and the names of the person or persons taking the samples;
  2. The dates the analyses were performed;
  3. Who performed the analyses;
  4. The analytical techniques/methods used;
  5. The results of such analyses;
  6. A copy of the laboratory sample analysis sheet; and
  7. The Industrial user's completed monitoring report form.

**Commented [PD66]:** The EPA recommends that composite sampling be flow-proportional. This is especially helpful where is intermittent. This provision puts the authority in OWWSB's hands to specify the type of sampling so that it may obtain accurate characterization of discharges.

**Commented [PD67]:** Part 136 is a more appropriate citation reference for sampling and analytical procedures. The 403.12 citation pertains to categorical users only and includes terms not congruent to this ordinance, such as control authority.



4.2.8 All ~~Industrial user~~Users required to install and maintain measuring devices shall immediately report the failure of such devices. The immediate notification shall be by ~~telephone call, telefax transmission, electronic report, personal visit, or a hand-delivered~~ notification to the OWWSB. Within five calendar days after discovery of the failure, the ~~user~~User shall submit a written report to the General Manager documenting the dates, times, and cause of the failure, and the corrective actions taken. If notification is not made, enforcement actions, such as fines, temporary shutdown of service or permanent revocation of permit and ~~Public sewer~~Sewer service, will be taken.

**Commented [PD68]:** It is advisable to identify a position title and contact number here that is available 24 hours, 7 days a week, or the appropriate contacts for that period if more than one person/number.

4.2.9 Any ~~wastewater~~Wastewater samples taken from an ~~Industrial user~~User's ~~approved or designated sampling location approved by OWWSB~~ shall be considered representative of the ~~wastewater~~Wastewater discharged to the WWTP. For ~~Industrial user~~Users that have ~~grease interceptors~~, but no approved or designated sampling location, the last chamber of the interceptor shall be the designated sampling location.

**Commented [PD69]:** Why would this be a possibility? OWWSB should expect that it will supply each industrial user (restaurant) with an approved sampling location prior to discharge and sampling.

4.2.10 All ~~Industrial user~~Users required to self-monitor shall report to the General Manager ~~pollutant~~Pollutant violations from any required ~~wastewater~~Wastewater sample within twenty-four hours of becoming aware of the violation. The reporting may be by ~~telephone call, telefax transmission, electronic report, or a personal visit to the OWWSB~~. The violation report shall contain the date and time of the sample, the daily discharge flow for the sample, possible explanations for the violation, and the date scheduled for the required resample. Failure to report ~~pollutant~~Pollutant violations as stated is a violation of this permit and may subject the ~~Industrial user~~User to enforcement actions, including fines and possible termination of ~~sewer~~Sewer service.

**Commented [PD70]:** See comment above; need to ensure there is contact information for off-hours and weekends supplied here.

4.2.11 All ~~Industrial user~~Users required to take daily twenty-four hour readings of their ~~wastewater~~Wastewater ~~effluent~~Effluent flow shall notify the General Manager of exceedance of its permitted flow within twenty-four hours of discovering the exceedance by ~~telephone call, telefax transmission, electronic report, personal visit, or a hand delivered notification, to the OWWSB or file a monthly report indicating the days of the month when the permitted flow was exceeded and the reason for the exceedance~~. The monthly report shall be submitted to the OWWSB by the fifth business day following the end of the preceding month. The flow exceedance notice shall have the total flow, date of the violation, the reason for the flow exceedance, and the name of the ~~person~~Person reporting the flow exceedance. Failure to report such flow exceedance is unlawful and

**Commented [PD71]:** See comment above.

may subject the Industrial user to enforcement actions, including fines and possible termination of sewer service.

4.2.12 All Industrial users with a self-discovered pollutant violation shall resample their wastewater discharge for that pollutant. This mandatory resampling is independent of any other wastewater sampling requirement. User shall submit the laboratory results from the resamples, all required forms and a written explanation detailing the cause(s) and correction action(s) of the violation to the General Manager no later than forty-five calendar days after the user discovers or becomes aware of the violation. Failure to submit the laboratory results and all required documents within the forty-five-day requirement may result in additional enforcement measures, including fines and possible termination of sewer service.

4.2.13 All Industrial users whose wastewater discharge is monitored by the OWWSB shall be responsible for all resampling requirements contained in paragraph 4.2.12 of this Section when a pollutant violation is detected. The OWWSB shall notify the Industrial user of the resampling requirements by a telephone call, email, or personal visit within seventy-two hours of confirming a pollutant violation.

4.2.14 All Industrial users ~~which desire to conducting~~ their own wastewater sampling in lieu of using a second-party lab certified by ADEM and approved by OWWSB shall submit a written plan describing the equipment used, equipment cleaning methodology, employee training, sample preservation methods, and chain of custody procedures. The Industrial user's wastewater sampling plan must be approved by the General Manager prior to the implementation of the plan. Any sample taken by an Industrial user without an approved plan or from an unapproved laboratory shall not be valid and may subject the Industrial user to enforcement actions, including fines and possible termination of Public sewer service.

4.2.15 All Industrial users are required to submit all monitoring results from all sampling, including non-permit required samples, according to 40 CFR 403.12(g) ~~sampled~~ collected at the appropriate sample point within fifteen calendar days of receiving the sample or monitoring results.

4.2.16 All permitted Industrial users that take more than one ~~grab sample~~ Grab Sample in a single calendar day to demonstrate compliance with oil and grease shall also comply with the following conditions:

**Commented [PD72]:** If the IU is responsible for resampling when a violation is found, then OWWSB notification is not necessary. In practice, the IU will get results from the lab before they are reported to OWWSB, so the resampling should occur as soon as the lab notifies the IU. Waiting until the report is to OWWSB is too late. Recommend deleting this paragraph.

**Commented [PD73]:** This wording needed improvement

1. A minimum of four ~~grab-sample~~ Grab Samples separated by a minimum of two hours each shall be taken in a single calendar day;
2. Each individual oil and grease ~~grab-sample~~ Grab Sample shall be analyzed separately and the analytical results from each sample shall be averaged;
3. No single oil and grease ~~grab-sample~~ Grab Sample shall exceed the ~~user~~ User's permitted limit by more than forty percent; and
4. The average result from all individual oil and grease ~~grab-sample~~ Grab Samples taken in a single calendar day shall not exceed the ~~Industrial user~~ User's permitted limit.

4.2.17 OWWSB has the authority to ~~visit the facility's~~ perform an inspection of an approved ~~Industrial User~~ sampling site at any time and shall be given any keys or entry approval needed to conduct sampling and ~~inspection at any time~~.

#### 4.3 RECORD KEEPING

4.3.1 All ~~Industrial user~~ Users shall keep records of waste hauling, reclamations, ~~wastewater~~ Wastewater ~~pretreatment~~ Pretreatment, monitoring device recording charts and calibration reports, effluent ~~Effluent~~ flow, and sample analysis data; and, at the discretion of the General Manager, on the site of the ~~wastewater~~ Wastewater generation. All these records are subject to inspection and copy by the General Manager. All such records must be kept on the site of the ~~wastewater~~ Wastewater generation for a minimum period of three years. The record retention period may be extended by OWWSB beyond three years in the event criminal or civil action is taken or an extensive ~~Industrial user~~ User history is required. ~~Records~~ Other records required by company or corporate policy to be kept off-site shall be telefaxed or submitted electronically to the OWWSB within seventy-two hours of the records request. Failure to submit the records as required is a violation of this Ordinance and may result in enforcement actions, including fines and possible termination of ~~Public sewer~~ Sewer service.

4.3.2 ~~Copies of a~~ All ~~monthly~~ monitoring reports required by a SID Permit ~~are required to~~ shall be submitted to the ~~Oxford~~ WWSB within five days of submitting the reports to ADEM. All monitoring reports required by an OWWSB permit shall be submitted to OWWSB at the frequency identified in the permit. ~~These~~ Reporting to OWWSB may be submitted to ~~Oxford~~ via email (read receipt) or by mail (certified mail is suggested). Failure to submit



~~the monthly reports meet the terms of Subsection 4.2 and shall~~ result in enforcement actions and fees.

**Commented [PD74]:** Edits have been made to differentiate S reporting and OWWSB permit reporting, where applicable. Also added guarantee than failure to appropriately report on a discharge will result in penalties.

#### 4.4 FLOW MEASUREMENT

4.4.1 Any ~~Industrial user~~User who discharges twenty-five thousand gallons per day or more of ~~wastewater~~Wastewater, or as required by the General Manager, shall install a continuous monitoring flow meter capable of measuring the ~~industrial user's~~Industrial User's entire ~~industrial wastewater discharged~~Industrial Waste discharge to the POTW. The ~~Industrial user~~User shall record and log the flow on a daily basis. The flow meter shall conform to standards issued by the General Manager. The ~~Industrial user~~User shall report the flow meter type and size to the General Manager before installation. The flow meter shall be equipped with a non-resetting flow totalizer and a paper chart recorder that records the time, day, date and volume of discharge. All flow meters shall be calibrated as often as necessary to ensure accuracy of the actual flow discharged, within plus or minus five percent. All flow meter installations shall have the flow meter size, type, totalizer units, and flow multipliers posted in a conspicuous place near the flow meter recorder.

#### 4.5 CRIMINAL

4.5.1 It shall be unlawful to violate any of the provisions of this Ordinance, including a SID Permit, pursuant to the terms of this Ordinance. Violation shall be punishable as a misdemeanor, pursuant to the provisions of Alabama State Law. Each day a violation continues to exist shall constitute an independent and separate offense.

#### 4.6 CIVIL

4.6.1 The discharge of ~~wastewater~~Wastewater of any other pollutant in violation of this Ordinance is hereby declared to be a public nuisance.

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4.6.2 The OWWSB may file in the Circuit Court of Talladega and/or Calhoun County or any other court of competent jurisdiction, a suit seeking to have the ~~user~~User's conduct declared a public nuisance, pursuant to Section 6-5-122, Code of Alabama, 1975, or any other law, and further, seeking the issuance of an injunction to abate said nuisance and/or any other appropriate relief to enforce the provisions of this Ordinance.

#### 4.7 TERMINATION OF SERVICES

4.7.1 In addition to any other action the OWWSB may take against a ~~user~~User for violations of the provisions of this Ordinance, pursuant to this Ordinance, the OWWSB may also amend, suspend or terminate the ~~user~~User's connection to the ~~POTW~~sewer-system, by excluding the ~~wastewater~~Wastewater of the ~~user~~User for violations of this Ordinance or permits issued, pursuant to this Ordinance.

4.7.2 Action by the OWWSB to suspend, amend or terminate a ~~user~~User's ~~sanitary sewer~~POTW connection may be taken when the ~~user~~User commits any one of the following acts or ~~allows~~ any one of the following to ~~occur~~occur:

**Commented [PD75]:** This change is important to include any users discharging directly to the WWTP and not the sewer alone.

1. A violation of the terms or conditions of this Ordinance occurs or a violation of any regulation issued, pursuant to this Ordinance.
2. The action is necessary to protect the POTW.
3. When the ~~user~~User has obtained a permit by misrepresentation or has failed to fully disclose ~~fully~~ all relevant facts.
4. A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge.

5. A violation of any term or condition of the ~~a~~SID Permit issued by the State ~~or a permit issued by OWWSB~~.

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6. A ~~User~~User discharges ~~wastewater~~Wastewater at an uncontrolled, variable rate in sufficient quantity ~~to cause an imbalance in the WWTP~~.

7. ~~User~~User fails to pay quarterly or monthly bills or industrial fees for ~~sanitary sewer~~Public Sewer services or assessed fines when due or claim by the OWWSB.

8. ~~User~~User ~~repeats a discharge of~~ discharges a prohibited waste to the POTW.

**Commented [PD76]:** Again, OWWSB should not allow for repeated discharge of prohibited wastewater before opening the option to terminate. Often one discharge of a prohibited wastewater will warrant termination, whether temporary or permanent.

9. The OWWSB is reliably informed or has reason to believe that the effluent ~~Effluent~~ from the WWTP is no longer of quality permitted for discharge to a ~~water-course~~ Receiving Waters, and it is found that the ~~user~~ User is delivering ~~wastewater~~ Wastewater to the WWTP that cannot be sufficiently treated or the same requires Pretreatment that is not provided.

4.7.3 In the event of an actual discharge or threatened discharge to the POTW of any ~~pollutant~~ Pollutant \_\_\_\_\_ which, in the opinion of the General Manager, poses an immediate threat to serious \_\_\_\_\_ irreparable harm to the public health, safety and welfare, either directly or indirectly \_\_\_\_\_ through ~~interference~~ Interference with the operation of the POTW, the General Manager may \_\_\_\_\_ immediately terminate Public sewer ~~Sewer~~ service and shall immediately notify and the \_\_\_\_\_ Alabama Department of Environmental Management ~~ADEM~~ of actions taken and the nature of the \_\_\_\_\_ emergency.

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4.7.4 The General Manager shall immediately make every reasonable effort to notify the ~~a user~~ User \_\_\_\_\_ or other ~~person~~ Person causing the ~~an~~ emergency with the POTW and requesting their assistance in abating the \_\_\_\_\_ same.

4.7.5 The OWWSB shall give ~~Notice~~ notice to the ~~a user~~ User before taking any termination action. Said ~~Notice~~ notice shall conform in all respects to that required in Section 4.8 of this Ordinance. The OWWSB may immediately terminate POTW ~~sewer~~ service pending further investigation into the nature and extent of a violation whether suspected or confirmed.

#### 4.8 NOTICE

4.8.1 The OWWSB, prior to any action as enumerated in Subsections 4.7 of this Ordinance, will notify the User or his designated representative in writing, either by personal service or by certified mail. Notices and orders under this Ordinance shall be deemed served if given to User as follows:

1. Correctly addressed, postage prepaid and deposited in the United States mail, or personally delivered; or



2. To ~~user~~User or ~~user~~User's authorized representative at ~~user~~User's address as listed in ~~user~~User's permit, or application for a permit, or ~~user~~User's facility that is subject of the notice or order; and
3. Shall be deemed received on the date personally delivered or on the third day after deposit in the United States mail as provided in this Section.

- 4.8.2 Said ~~Notice-notice~~ shall set forth the specific violation and/or the reason enumerated in the proceeding Section, for which amendment suspension or termination of the ~~user~~User's connection to the ~~POTW~~Sanitary Sewer System is sought by the OWWSB.
- 4.8.3 Said ~~Notice-notice~~ will also set forth the character of the violation and the dates on which such violations occurred, to enable the ~~user~~User to prepare his defense.

#### 4.9 ASSESSMENT OF DAMAGES TO ~~USER~~USERS

- 4.9.1 When a discharge of waste proximately causes an obstruction, damage or any other impairment to the facilities of the OWWSB or any expense ~~to the OWWSB~~ of whatever character or nature ~~to the OWWSB~~, the General Manager shall assess ~~to the contributing User(s)~~ the expense incurred by the OWWSB to clear the obstruction, repair damage to the facility, and any other expenses or damages proximately caused to the OWWSB by the discharge. The OWWSB shall file a claim with the ~~user~~User(s) or any other ~~person~~Person(s) causing or suffering said damage to occur seeking reimbursement for any and all expenses or damages suffered by the OWWSB. If the claim is ignored or denied, the OWWSB shall take legal measures as shall be appropriate to recover for any expense or other damage suffered by the OWWSB.
- 4.9.2 Minimum fine is hereby established as \$1,000 per day or per violation.

#### 4.10 PETITION FOR FEDERAL OR STATE ENFORCEMENT

- 4.10.1 In addition to any other remedies for enforcement provided herein, the OWWSB may petition ~~the the State of Alabama~~ADEM, or the ~~United States of Environmental Protection Agency~~EPA as appropriate, to exercise such methods or remedies as shall be

available to such government entities, to seek criminal or civil penalties, injunctive relief, or such other remedies as may be provided by applicable pretreatment standardPretreatment Standards, to prevent such other water Ppollution as may be regulated by State or Federal laws.

#### 4.11 ALTERNATIVE ENFORCEMENT PROCEDURES.

4.11.1 The General Manager may also seek penalties, payments, and liens on a userUser's property to the extent allowed by State of Alabama law.

#### 4.12 REMEDIES NON-EXCLUSIVE.

4.12.1 The remedies in the Ordinance are non-exclusive. The General Manager may take any, all, or any combination of these remedies against a noncompliant userUser. The General Manager may take actions against a userUser as circumstances warrant. The General Manager may also take multiple enforcement actions against a userUser.

#### 4.13 INVALIDITY.

4.13.1 If any provision of this Ordinance or the application thereof to any userUser or circumstance is held invalid, the remainder of this Ordinance and the application of such provision to other userUser's circumstances shall not be affected thereby.

#### 4.14 INTERPRETATION AND INTENT.

4.14.1 All the provisions of the Ordinance are to be reasonably interpreted. The intent herein is to recognize that there are varying degrees of hazard to the WWTP's sludge and process capacity, ~~storm drain~~Storm Drain, OWWSB personnel, environment and the public, and to apply the principle that the degree of protection shall be commensurate with the degree of hazard.

**SECTION 5 - ADOPTION OF ORDINANCE.**

- 5.1 This ordinance shall be in full force and effect \_\_\_\_\_ days after its final passage and adoption. All prior ordinance and parts of ordinances in conflict with this ordinance are hereby repealed.

PASSED AND ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by the following vote:



**Appendix A**  
**Oxford Water Works & Sewer Board**  
**Industrial Waste Questionnaire**  
**Adopted January 2014**

*All questions must be answered completely in order to process your request.*

GENERAL INFORMATION

Standard Industrial Classification Code (SIC): \_\_\_\_\_

Company Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Address of Premises: \_\_\_\_\_

Name and Title of Signing Official: \_\_\_\_\_

Name and Title of Contact Official: \_\_\_\_\_

Address and Phone Number of Contact Official: \_\_\_\_\_

Number of Employees at Location: \_\_\_\_\_

The information contained in this questionnaire is familiar to me and to the best of my knowledge and belief, such information is true, complete and accurate.

\_\_\_\_\_  
Signature of Official

\_\_\_\_\_  
Date

## Oxford Water Works & Sewer Board – Industrial Waste Questionnaire

### PLANT OPERATIONAL CHARACTERISTICS

Brief description of manufacturing or service activity on premises: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Raw materials & chemicals used: *(Give technical common names and amount in gallons and/or pounds of raw materials and chemicals on site that are used in the manufacturing or other processes which may or may not be discharged into the sanitary sewerSewer. In the case of proprietary compounds, provide manufacturer's name and MSDS. Please include additional sheets if necessary)* \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Catalysts, Intermediates: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Principle product or service (use Standard Industrial Classification Manual if appropriate):

\_\_\_\_\_  
\_\_\_\_\_

Type of Discharge: \_\_\_\_\_ Continuous \_\_\_\_\_ Batch

If Batch, average number of batches per 24 hours: \_\_\_\_\_

Is there a scheduled shutdown: ☐ Yes ☐ No

If yes, when (days, times, duration): \_\_\_\_\_

Is production seasonal? ☐ Yes ☐ No

If yes, indicate month(s) of peak production and minimal production: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Average number of employees per shift: \_\_\_\_\_ 1<sup>st</sup>, \_\_\_\_\_ 2<sup>nd</sup>, \_\_\_\_\_ 3<sup>rd</sup>

Shift start times: \_\_\_\_\_ 1<sup>st</sup>, \_\_\_\_\_ 2<sup>nd</sup>, \_\_\_\_\_ 3<sup>rd</sup>

Shifts normally worked each day:

| Shift           | Sun | Mon | Tues | Wed | Thurs | Fri | Sat |
|-----------------|-----|-----|------|-----|-------|-----|-----|
| 1 <sup>st</sup> |     |     |      |     |       |     |     |
| 2 <sup>nd</sup> |     |     |      |     |       |     |     |
| 3 <sup>rd</sup> |     |     |      |     |       |     |     |

**Oxford Water Works & Sewer Board – Industrial Waste Questionnaire**

Describe any ~~wastewater~~ Wastewater treatment equipment or processes in use:

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Raw Water Sources:

Source

|       |                       |
|-------|-----------------------|
| _____ | _____ gallons per day |
| _____ | _____ gallons per day |
| _____ | _____ gallons per day |

Describe any raw water treatment processes in use: \_\_\_\_\_

---

---

List water consumption in plant:

|                      |                       |
|----------------------|-----------------------|
| Cooling Water        | _____ gallons per day |
| Boiler Feed          | _____ gallons per day |
| Process Water        | _____ gallons per day |
| Sanitary System      | _____ gallons per day |
| Contained in Product | _____ gallons per day |
| Other (describe)     | _____ gallons per day |

List the average volume of discharge or water loss to:

|                      |                       |
|----------------------|-----------------------|
| Oxford Sewer System  | _____ gallons per day |
| Natural Outlet       | _____ gallons per day |
| Waste Hauler         | _____ gallons per day |
| Evaporation          | _____ gallons per day |
| Contained in Product | _____ gallons per day |

Is discharge to sewer ~~Sewer~~: \_\_\_\_\_ Intermittent \_\_\_\_\_ Continuous

List plant sewer ~~Sewer~~ outlets, size, flow (attach map and drawings):

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Is there a Spill Prevention Control and Countermeasure Plan in effect for this plant? \_\_\_\_\_

Are there any of the toxic pollutants listed in Table 1 being used at this facility in manufacturing of the product, or is it a by-product which may be discharge? If so, please check the applicable pollutants on Table 1.



**Oxford Water Works & Sewer Board – Industrial Waste Questionnaire**

**TABLE A-1**  
**65 Toxic Pollutants (Referenced in 307(a) of the CWA of 1977)**

- |                                                  |                                                            |
|--------------------------------------------------|------------------------------------------------------------|
| <input type="checkbox"/> Acenaphthene            | <input type="checkbox"/> Chlorinalkyl ethers               |
| <input type="checkbox"/> Acrolein                | <input type="checkbox"/> Chlorinated naphthalene           |
| <input type="checkbox"/> Acrylonitrile           | <input type="checkbox"/> Chlorinated phenols               |
| <input type="checkbox"/> Aldrin/Dieldrin         | <input type="checkbox"/> Chloroform                        |
| <input type="checkbox"/> Antimony and compounds  | <input type="checkbox"/> 2-chlorophenol                    |
| <input type="checkbox"/> Arsenic and compounds   | <input type="checkbox"/> Chromium and compounds            |
| <input type="checkbox"/> Asbestos                | <input type="checkbox"/> Copper and compounds              |
| <input type="checkbox"/> Benzene                 | <input type="checkbox"/> Cyanides                          |
| <input type="checkbox"/> Benzidine               | <input type="checkbox"/> DDT and metabolites               |
| <input type="checkbox"/> Beryllium and compounds | <input type="checkbox"/> Dichlorobenzenes                  |
| <input type="checkbox"/> Cadmium and compounds   | <input type="checkbox"/> Dichlorobenzidine                 |
| <input type="checkbox"/> Carbon Tetrachloride    | <input type="checkbox"/> 2,4-dichlorophenol                |
| <input type="checkbox"/> Chlordane               | <input type="checkbox"/> Dichloropropane & Dichloropropene |
| <input type="checkbox"/> Chlorinated benzenes    | <input type="checkbox"/> 2,4-dimethylphenol                |
| <input type="checkbox"/> Chlorinated ethanes     |                                                            |

- |                                                    |                                                                       |
|----------------------------------------------------|-----------------------------------------------------------------------|
| <input type="checkbox"/> Dinitrotoluene            | <input type="checkbox"/> Isophorene                                   |
| <input type="checkbox"/> Diphenylhydrazine         | <input type="checkbox"/> Lead and compounds                           |
| <input type="checkbox"/> Endosulfan & metabolites  | <input type="checkbox"/> Mercury and compounds                        |
| <input type="checkbox"/> Endrin & metabolites      | <input type="checkbox"/> Naphthalene                                  |
| <input type="checkbox"/> Ethylbenzene              | <input type="checkbox"/> Nickel and compounds                         |
| <input type="checkbox"/> Fluoranthene              | <input type="checkbox"/> Nitrobenzene                                 |
| <input type="checkbox"/> Haloethers                | <input type="checkbox"/> Nitrophenols                                 |
| <input type="checkbox"/> Halomethanes              | <input type="checkbox"/> Nitrosamines                                 |
| <input type="checkbox"/> Heptachlor & metabolites  | <input type="checkbox"/> Pentachlorophenol                            |
| <input type="checkbox"/> Hexachlorobutadiene       | <input type="checkbox"/> Phenol                                       |
| <input type="checkbox"/> Hexachlorocyclopentadiene | <input type="checkbox"/> Phthalate esters                             |
| <input type="checkbox"/> Hexachlorocyclohexane     | <input type="checkbox"/> Polychlorinated biphenyls (PCBs)             |
|                                                    | <input type="checkbox"/> Polynuclear aromatic hydrocarbons            |
|                                                    | <input type="checkbox"/> Selenium and compounds                       |
|                                                    | <input type="checkbox"/> Silver and compounds                         |
|                                                    | <input type="checkbox"/> 2,3,7,8 – Tetrachlorodibenzo-p-dioxin (TCDD) |
|                                                    | <input type="checkbox"/> Tetrachloroethylene                          |
|                                                    | <input type="checkbox"/> Thallium and compounds                       |
|                                                    | <input type="checkbox"/> Toluene                                      |
|                                                    | <input type="checkbox"/> Toxaphene                                    |
|                                                    | <input type="checkbox"/> Trichloroethylene                            |
|                                                    | <input type="checkbox"/> Vinyl chloride                               |
|                                                    | <input type="checkbox"/> Zinc and compounds                           |

Note: List any other toxic pollutants known or anticipated to be present in the discharge.

**Oxford Water Works & Sewer Board – Industrial Waste Questionnaire**

Please check the box if the discharge will contain any of the following above the normal water supply.

- ☐ Solid or Semi-Solid Materials
- ☐ Noxious Odor
- ☐ Volatile Liquid
- ☐ Septic Tank or Cesspool Liquids
- ☐ Storm Water
- ☐ Hot Liquids or Vapor
- ☐ Radioactive Wastes
- ☐ Sulfides
- ☐ Acids
- ☐ Alkalies
- ☐ Dissolved Solids
- ☐ Sodium
- ☐ Chloride
- ☐ Sulfate
- ☐ Boron
- ☐ Fluoride
- ☐ Hardness
- ☐ Oil & Grease
- ☐ Hydrocarbon Oil
- ☐ BOD
- ☐ Suspended Solids

Please submit to the following address:

Oxford Water Works & Sewer Board  
PO Box 3663  
600 Barry Street  
Oxford, AL 36203  
Attention: Engineering Department



**Appendix B – List of Current Industrial Users  
(Oxford WWSB and ADEM Use Only)**

| Company Name                          | Address                                     | SID Permit Number | Facility Contact                                                      |
|---------------------------------------|---------------------------------------------|-------------------|-----------------------------------------------------------------------|
| Aerospace Coatings International, LLC | 370 Knight Drive<br>Oxford, AL 36203        | IU356100001       | Rob Cunningham<br>(256)241-2750<br>rcunningham@aerocoatings.com       |
| AlaPlate LLC                          | 2030 Barry Street<br>Oxford, AL 36203       | IU350800002       | David Clifton/ Lisa Hester<br>(256)831-2390                           |
| Honeywell                             | 1 Cliff Garrett Drive<br>Anniston, AL 36203 | IU350800183       | Steven Foust<br>(256)835-4226                                         |
| Kronospan LLC                         | 9320 Highway 202<br>Eastaboga, AL 36260     | IU350801146       | Jeff Williamson<br>(256)240-6816<br>jeff.williamson@kronoflooring.com |
| The Pantry Store                      | 1601 Highway 21 S.<br>Oxford, AL 36203      | No SID Permit     | Derek Price (PPM Consultants)<br>(205)836-5650                        |
| Southern Metal Processing Company     | PO Box 3327<br>Oxford, AL 36203             | IU350800046       | Douglas Wieck<br>(256)831-8130                                        |
| Southern Tool Inc.                    | PO Box 7610<br>Oxford, AL 36203             | IU350800009       | Jason Mays                                                            |
| Tape Craft Corporation                | 200 Tape Craft Drive<br>Oxford, AL 36203    | IU350801151       | Larry Thompson<br>(256)835-9045                                       |

**Leachate**

|                                                             |                                               |               |               |
|-------------------------------------------------------------|-----------------------------------------------|---------------|---------------|
| Three Corners Landfill<br>(Leachate – Not currently taking) | 2205 County Rd 6<br>Piedmont, AL 36272        | No SID Permit | (256)447-1881 |
| Cedar Hill Landfill<br>(Leachate – Not currently taking)    | 1319 N Business Creek Rd<br>Ragland, AL 35131 | No SID Permit | (205)640-9428 |
| Star Ridge Landfill<br>(Leachate – Not currently taking)    | 3301 Acmar Road<br>Moody, AL 35004            | No SID Permit | (205)640-7000 |
| Industrial Waste Inc.                                       | PO Box 3405<br>Oxford, AL 36203               | No SID Permit | (256)835-3377 |

| Septic Tank Pumping          |                                                      |               |                |
|------------------------------|------------------------------------------------------|---------------|----------------|
| Macs Vacs                    | PO Box 7921<br>Oxford, AL 36203-7900                 | No SID Permit | (256)832-7867  |
| Sam Mellon                   | 7045 McIntosh Road<br>Oxford, AL 36203               | No SID Permit | (256) 310-0549 |
| Mr. Dan's Plumbing           | 1258 County Line Road<br>Eastaboga, AL 36268         | No SID Permit | (256) 362-6644 |
| Mr. Bults Inc.               | 2627 E 139 <sup>th</sup> Street<br>Burnham, IL 60633 | No SID Permit | (708) 832-0714 |
| Advance Septic               | 875 Prickett Trail<br>Jacksonville, AL 36265         | No SID Permit | (256) 310-4226 |
| NPL Constr – Eric Brown      | 1903 Carl Jones Road<br>Moody, AL 35004              | No SID Permit | (770)294-0081  |
| Anniston Septic Tank Service | PO Box 307<br>Weaver, AL 36277                       | No SID Permit | (256)238-0388  |
| JD's Septic                  | 1168 Co Road 459<br>Heflin, AL 36264                 | No SID Permit | (256)419-1105  |
| On Site Solutions            | 1197 Sagewood Place<br>Jacksonville, AL 36265        | No SID Permit | (256)310-2801  |
| Economy Septic Tank Service  | 325 Forest Ridge Drive<br>Jacksonville, AL 36265     | No SID Permit | (256)435-1086  |

**Appendix C - Grease Trap Inspection List  
(Oxford WWSB and ADEM Use Only)**

DATE REPORT WAS GIVEN TO:

Keith \_\_\_\_\_  
Wayne \_\_\_\_\_  
Bobby \_\_\_\_\_

Oxford Water Works & Sewer Board

| NAME            | DATE | THIN | MEDIUM | THICK | MANAGER COMMENTS |
|-----------------|------|------|--------|-------|------------------|
| APPLEBEE'S      |      |      |        |       |                  |
| ARBY'S          |      |      |        |       |                  |
| BEVERLY         |      |      |        |       |                  |
| BOJANGLES       |      |      |        |       |                  |
| BOOKS-A-MILLION |      |      |        |       |                  |
| BRAD'S          |      |      |        |       |                  |
| BURGER KING     |      |      |        |       |                  |
| CAPTAIN D'S     |      |      |        |       |                  |
| CICI'S PIZZA    |      |      |        |       |                  |
| CHIK-FIL-A      |      |      |        |       |                  |
| CHINA LUCK      |      |      |        |       |                  |
| CIDER RIDGE     |      |      |        |       |                  |
| CRACKER BARREL  |      |      |        |       |                  |
| 5-STAR VENDING  |      |      |        |       |                  |
| FRONTERA GRILL  |      |      |        |       |                  |
| FUJI'S          |      |      |        |       |                  |
| HAPPY STAR      |      |      |        |       |                  |
| HONEY BAKED HAM |      |      |        |       |                  |
| HUDDLE HOUSE    |      |      |        |       |                  |
| IHOP            |      |      |        |       |                  |



|                  |  |  |  |  |  |
|------------------|--|--|--|--|--|
| JACK'S (C'WATER) |  |  |  |  |  |
| JACK'S (SNOW ST) |  |  |  |  |  |
| KFC              |  |  |  |  |  |
| KRYSTAL          |  |  |  |  |  |
| LAMAR'S          |  |  |  |  |  |
| LOGAN'S          |  |  |  |  |  |
| LONESTAR         |  |  |  |  |  |
| LOS MEX (HAMRIC) |  |  |  |  |  |
| LOS MEX (78 E)   |  |  |  |  |  |
| MALL             |  |  |  |  |  |
| MATERHORN        |  |  |  |  |  |
| MCALLISTER'S     |  |  |  |  |  |
| MCDONALD'S       |  |  |  |  |  |
| MELLOW MUSHROOM  |  |  |  |  |  |
| O'CHARLEY'S      |  |  |  |  |  |
| OUTBACK          |  |  |  |  |  |
| PANDA CHINESE    |  |  |  |  |  |
| PIZZA HUT        |  |  |  |  |  |
| RED LOBSTER      |  |  |  |  |  |
| HONEY'S          |  |  |  |  |  |
| ONIC             |  |  |  |  |  |
| ONNY'S           |  |  |  |  |  |
| TARBUCK'S        |  |  |  |  |  |
| TRUT'S           |  |  |  |  |  |
| WACO BELL        |  |  |  |  |  |
| WAFLE HOUSE      |  |  |  |  |  |
| WALMART          |  |  |  |  |  |
| WAFLE HOUSE      |  |  |  |  |  |
| WENDY'S          |  |  |  |  |  |

|                             |  |  |  |  |  |
|-----------------------------|--|--|--|--|--|
| WAFFLE HOUSE<br>(ANDY'S)    |  |  |  |  |  |
| WAL-MART                    |  |  |  |  |  |
| WENDY'S (WALMART)           |  |  |  |  |  |
| WENDY'S (CRACKER<br>BARREL) |  |  |  |  |  |
| WESTERN SIZZLIN'            |  |  |  |  |  |
| ZAXBY'S                     |  |  |  |  |  |
| OLIVE GARDEN                |  |  |  |  |  |
| LONGHORN                    |  |  |  |  |  |
| GOLDEN RULE                 |  |  |  |  |  |
| GOLDEN CORRAL               |  |  |  |  |  |
| ALEXANDER'S                 |  |  |  |  |  |
| QUIZNO'S                    |  |  |  |  |  |
| MEXICO LINDO GRILL          |  |  |  |  |  |
| ARBY'S (EXCHANGE)           |  |  |  |  |  |
| GARFERICK'S                 |  |  |  |  |  |
| OXFORD HIGH SCHOOL          |  |  |  |  |  |
| OXFORD MIDDLE<br>SCHOOL     |  |  |  |  |  |
| CE HANNA                    |  |  |  |  |  |
| OXFORD ELEMENTARY<br>SCHOOL |  |  |  |  |  |
| TARGET                      |  |  |  |  |  |
| MARRIOTT COURTYARD          |  |  |  |  |  |
| JEFFERSON'S                 |  |  |  |  |  |
| HILTON GARDEN INN           |  |  |  |  |  |
| PACIFIC SPICE               |  |  |  |  |  |
| YUMEI RESTAURANT            |  |  |  |  |  |